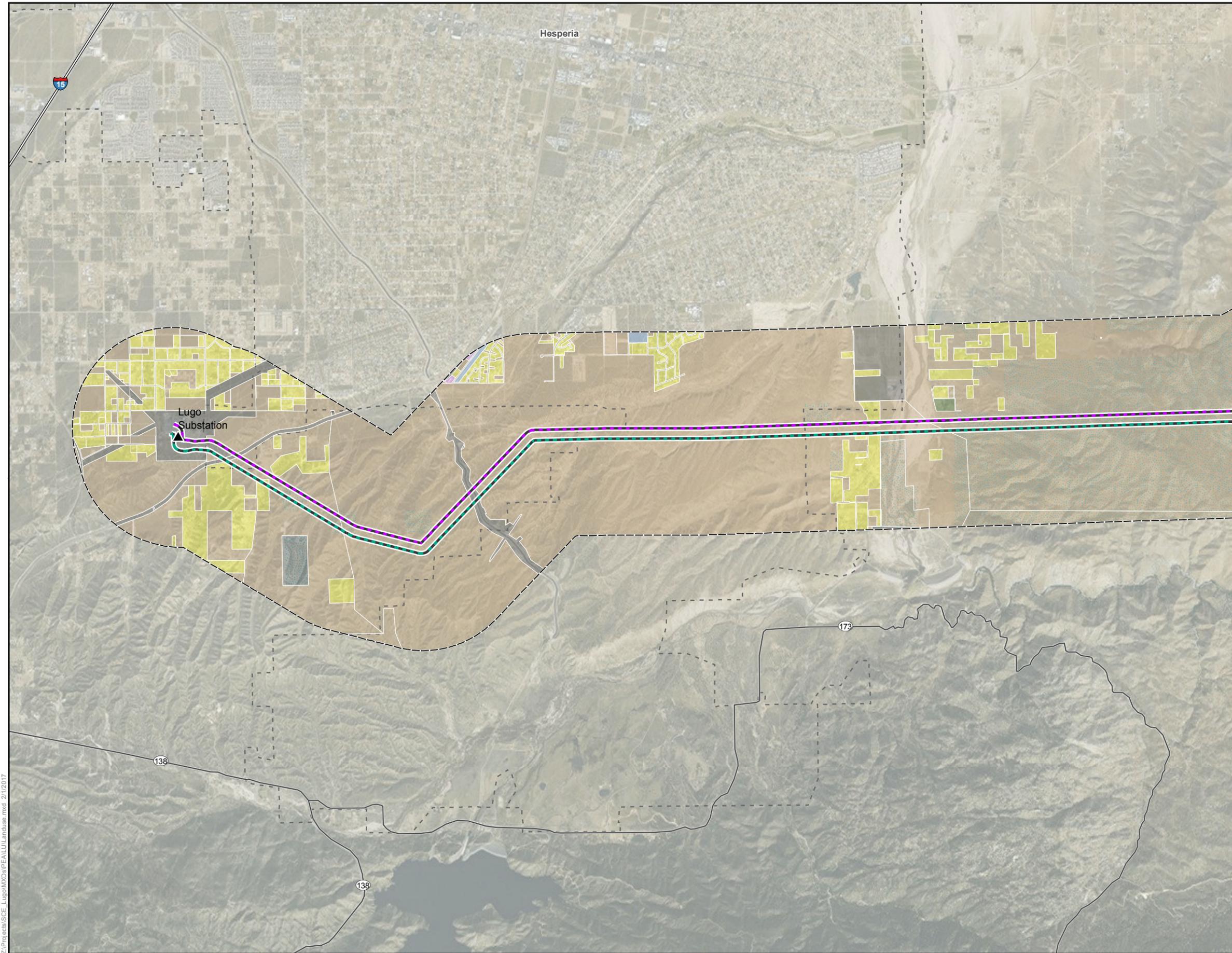


**ATTACHMENT 4.10-A: EXISTING LAND USES WITHIN 1 MILE OF THE
PROPOSED PROJECT**

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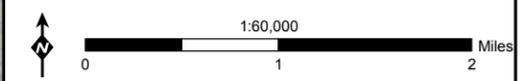
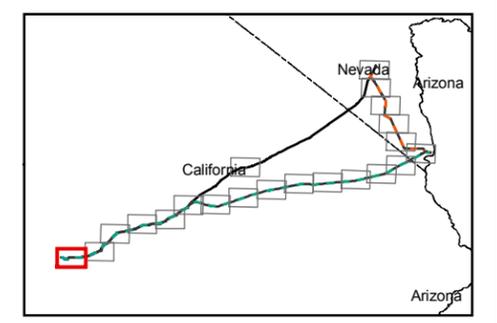


Attachment 4.10-A: Existing Land Uses Within 1 Mile of the Proposed Project Map 1 of 21

Eldorado-Lugo-Mohave Series Capacitor Project

- ▲ Existing Substation
- ◆ Proposed Mid-Line Capacitor Location
- Proposed Fiber Optic Repeater Location
- Eldorado - Lugo 500 kV Transmission Line
- Eldorado - Mohave 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Transmission Line not part of Proposed Project
- Telecommunication Line
- - - 1-Mile Project Buffer
- · · City Boundary
- ▭ State Boundary
- Interstate
- State Highway/US Highway
- Reference Roadway

- Existing Land Uses**
- Agriculture
 - Commercial
 - Conservation
 - Infrastructure
 - Industrial
 - Public/Institutional
 - Residential
 - Undeveloped/Vacant
 - Open Access/Recreation



Source: Insignia, 2016; Clark County GIS; San Bernardino GIS, City of Hesperia; City of Boulder

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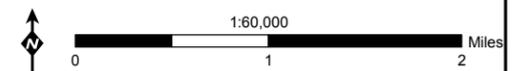
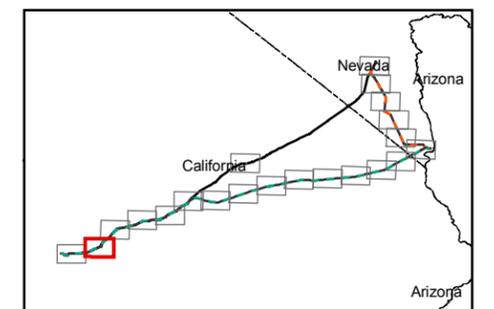
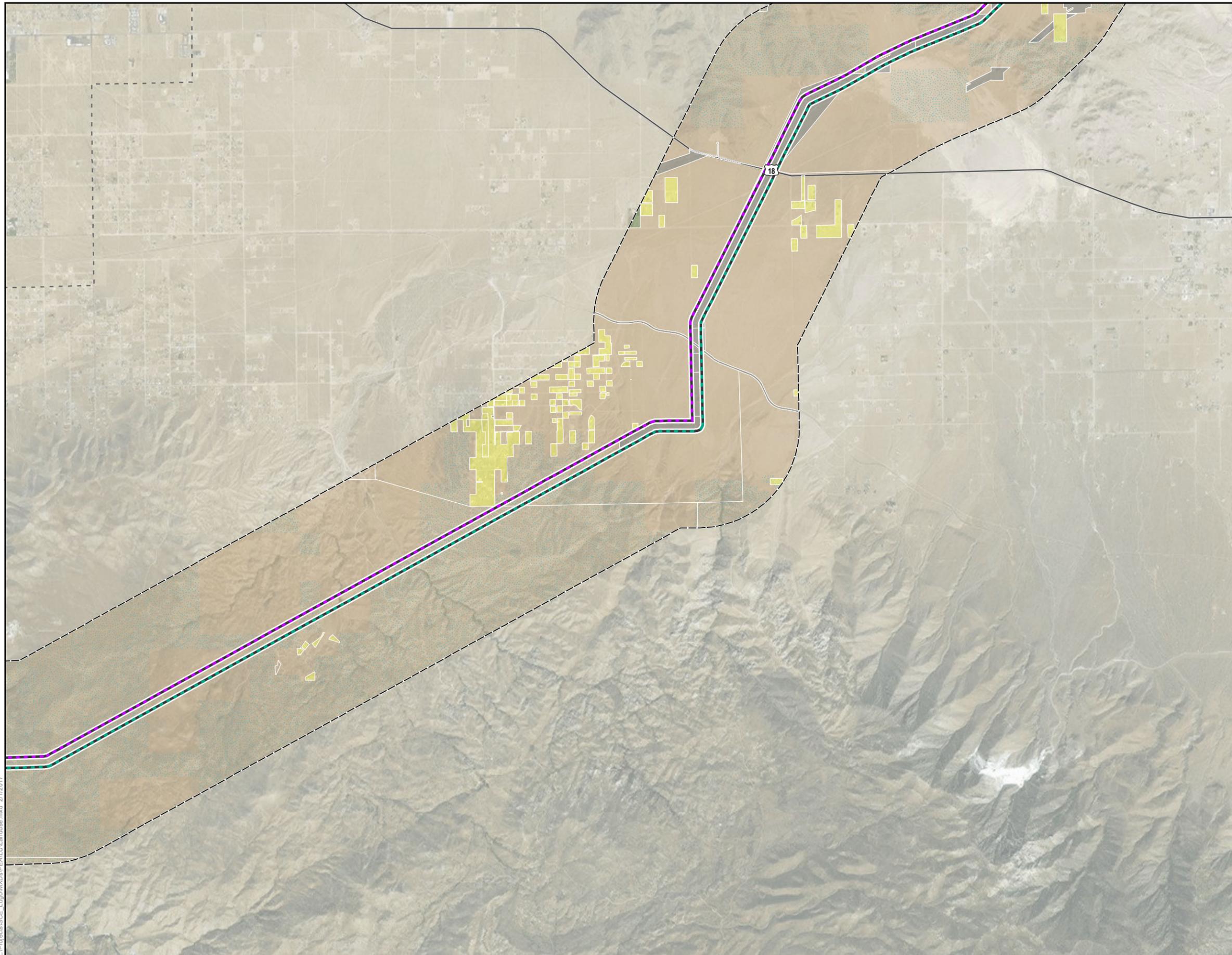
Attachment 4.10-A: Existing Land Uses Within 1 Mile of the Proposed Project Map 2 of 21

Eldorado-Lugo-Mohave Series Capacitor Project

- ▲ Existing Substation
- ◆ Proposed Mid-Line Capacitor Location
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- Reference Roadway

Existing Land Uses

- Agriculture
- Commercial
- Conservation
- Infrastructure
- Industrial
- Public/Institutional
- Residential
- Undeveloped/Vacant
- Open Access/Recreation



Source: Insignia, 2016; Clark County GIS; San Bernardino GIS; City of Hesperia; City of Boulder

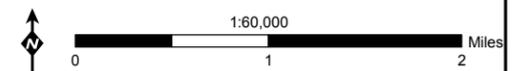
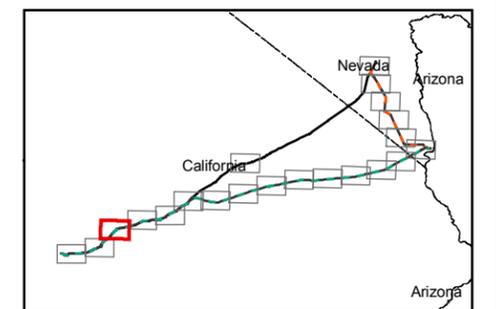
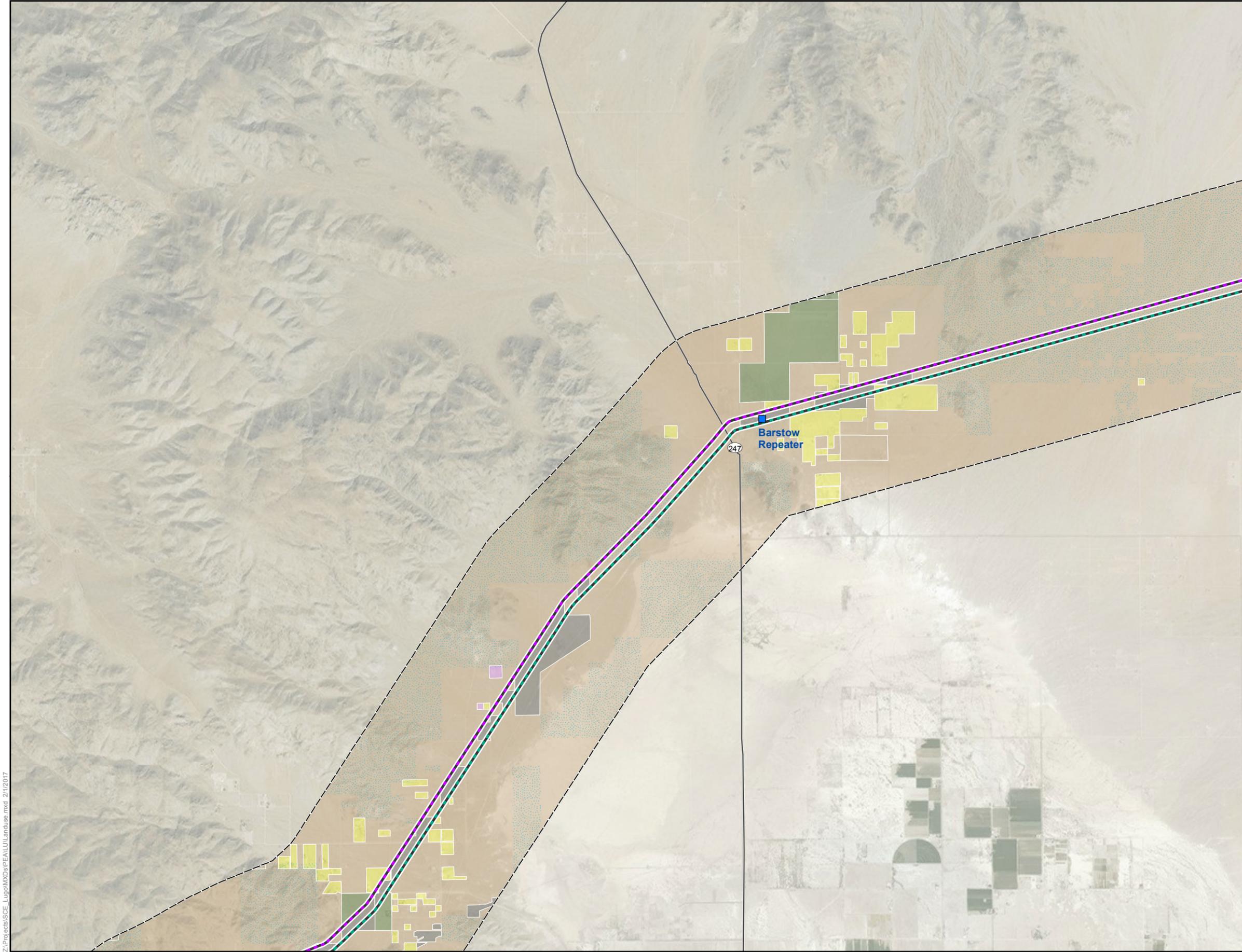
Attachment 4.10-A: Existing Land Uses Within 1 Mile of the Proposed Project Map 3 of 21

Eldorado-Lugo-Mohave Series Capacitor Project

- ▲ Existing Substation
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- Undeveloped/Vacant
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Source: Insignia, 2016; Clark County GIS; San Bernardino GIS, City of Hesperia; City of Boulder

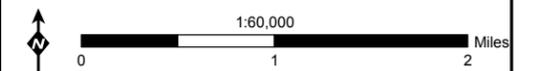
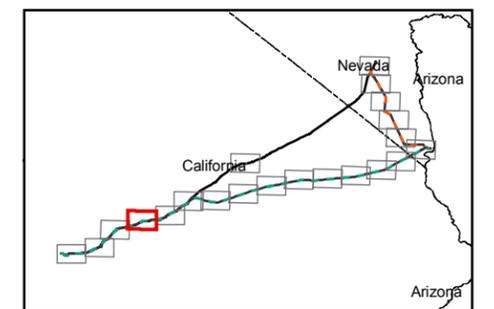
Attachment 4.10-A: Existing Land Uses Within 1 Mile of the Proposed Project Map 4 of 21

Eldorado-Lugo-Mohave Series Capacitor Project

- ▲ Existing Substation
- ◆ Proposed Mid-Line Capacitor Location
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- Open Access/Recreation



Source: Insignia, 2016; Clark County GIS; San Bernardino GIS, City of Hesperia; City of Boulder

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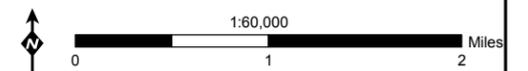
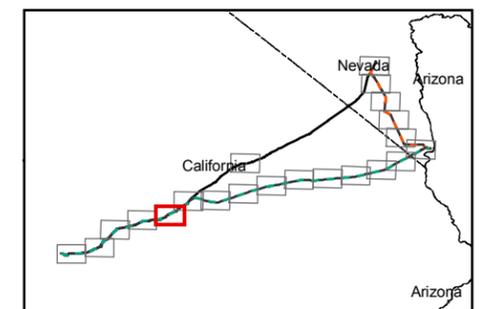
Attachment 4.10-A: Existing Land Uses Within 1 Mile of the Proposed Project Map 5 of 21

Eldorado-Lugo-Mohave Series Capacitor Project

- ▲ Existing Substation
- ◆ Proposed Mid-Line Capacitor Location
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Existing Land Uses

- Agriculture
- Commercial
- Conservation
- Infrastructure
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- Public/Institutional
- Residential
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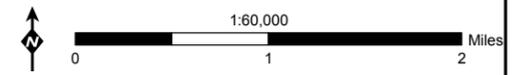
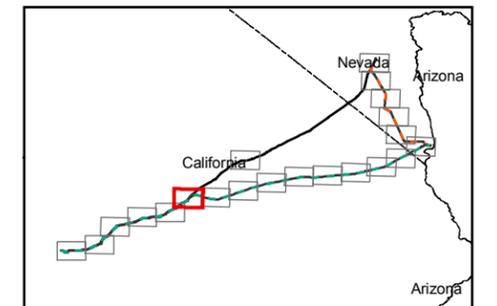
Source: Insignia, 2016; Clark County GIS; San Bernardino GIS, City of Hesperia; City of Boulder

Attachment 4.10-A: Existing Land Uses Within 1 Mile of the Proposed Project Map 6 of 21

Eldorado-Lugo-Mohave Series Capacitor Project

- ▲ Existing Substation
- ◆ Proposed Mid-Line Capacitor Location
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 - Public/Institutional
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 - Open Access/Recreation



Source: Insignia, 2016; Clark County GIS; San Bernardino GIS; City of Hesperia; City of Boulder

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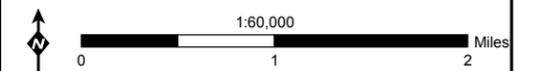
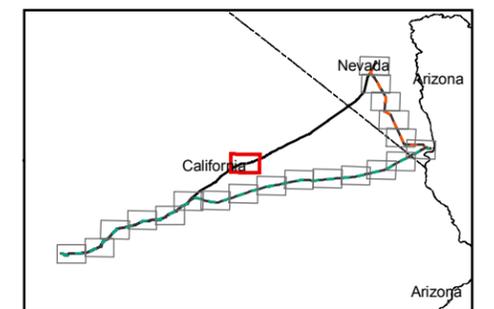
Attachment 4.10-A: Existing Land Uses Within 1 Mile of the Proposed Project Map 7 of 21

Eldorado-Lugo-Mohave Series Capacitor Project

- ▲ Existing Substation
- ◆ Proposed Mid-Line Capacitor Location
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- Residential
- Undeveloped/Vacant
- Open Access/Recreation



Source: Insignia, 2016; Clark County GIS; San Bernardino GIS, City of Hesperia; City of Boulder

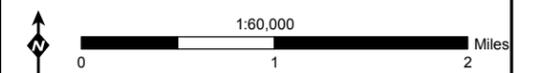
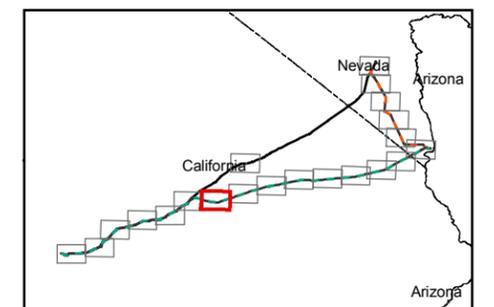
Attachment 4.10-A: Existing Land Uses Within 1 Mile of the Proposed Project Map 8 of 21

Eldorado-Lugo-Mohave Series Capacitor Project

- ▲ Existing Substation
- ◆ Proposed Mid-Line Capacitor Location
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Existing Land Uses

- Agriculture
- Commercial
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- Infrastructure
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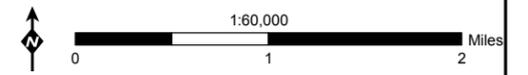
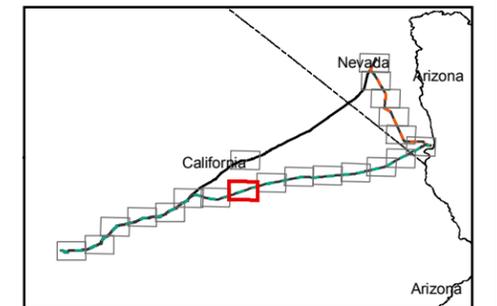
Source: Insignia, 2016; Clark County GIS; San Bernardino GIS, City of Hesperia; City of Boulder

Attachment 4.10-A: Existing Land Uses Within 1 Mile of the Proposed Project Map 9 of 21

Eldorado-Lugo-Mohave Series Capacitor Project

- ▲ Existing Substation
- ◆ Proposed Mid-Line Capacitor Location
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- Existing Land Uses**
- Agriculture
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 - Open Access/Recreation



Source: Insignia, 2016; Clark County GIS; San Bernardino GIS, City of Hesperia; City of Boulder

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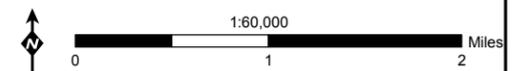
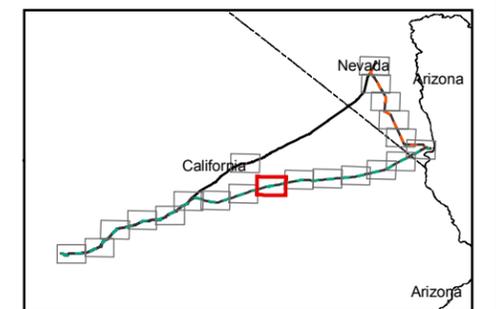
Attachment 4.10-A: Existing Land Uses Within 1 Mile of the Proposed Project Map 10 of 21

Eldorado-Lugo-Mohave Series Capacitor Project

- ▲ Existing Substation
- ◆ Proposed Mid-Line Capacitor Location
- Proposed Fiber Optic Repeater Location
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- Reference Roadway

Existing Land Uses

- Agriculture
- Commercial
- Conservation
- Infrastructure
- Industrial
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- Residential
- Undeveloped/Vacant
- Open Access/Recreation



Source: Insignia, 2016; Clark County GIS; San Bernardino GIS, City of Hesperia; City of Boulder

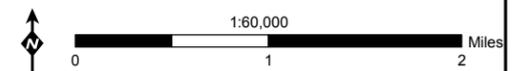
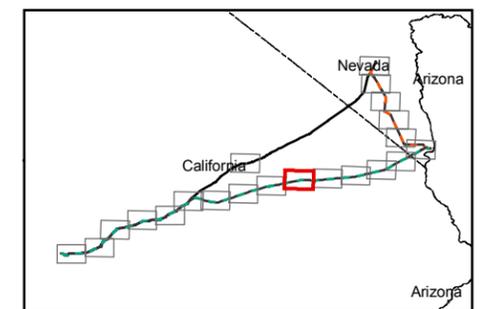
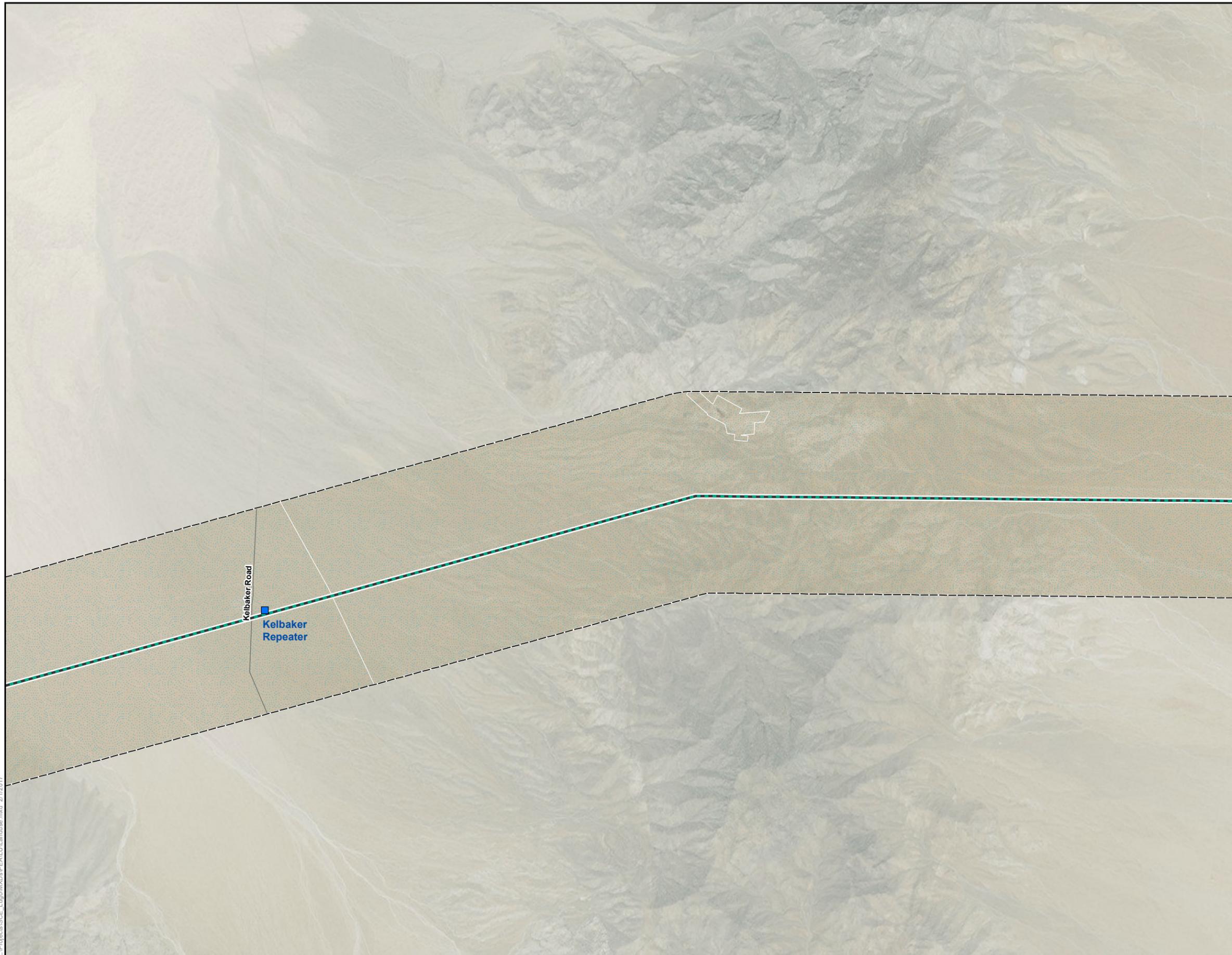
Attachment 4.10-A: Existing Land Uses Within 1 Mile of the Proposed Project Map 11 of 21

Eldorado-Lugo-Mohave Series Capacitor Project

- ▲ Existing Substation
- ◆ Proposed Mid-Line Capacitor Location
- Proposed Fiber Optic Repeater Location
- Eldorado - Lugo 500 kV Transmission Line
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- Reference Roadway

Existing Land Uses

- Agriculture
- Commercial
- Conservation
- Infrastructure
- Industrial
- Public/Institutional
- Residential
- Undeveloped/Vacant
- Open Access/Recreation



Source: Insignia, 2016; Clark County GIS; San Bernardino GIS, City of Hesperia; City of Boulder

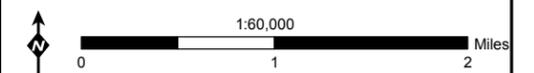
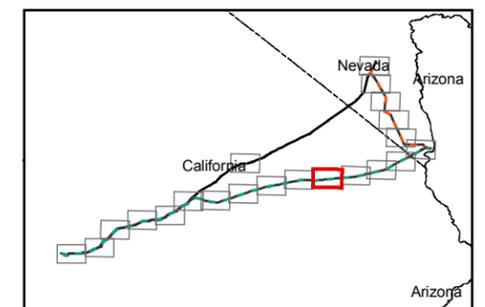
Attachment 4.10-A: Existing Land Uses Within 1 Mile of the Proposed Project Map 12 of 21

Eldorado-Lugo-Mohave Series Capacitor Project

- ▲ Existing Substation
- ◆ Proposed Mid-Line Capacitor Location
- Proposed Fiber Optic Repeater Location
- Eldorado - Lugo 500 kV Transmission Line
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Existing Land Uses

- Agriculture
- Commercial
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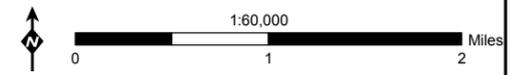
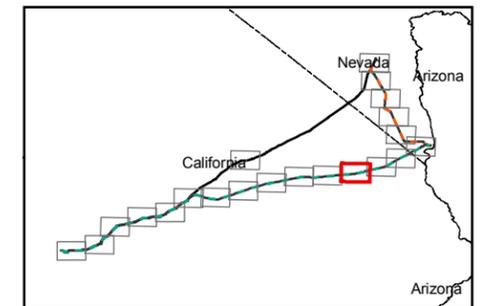
Source: Insignia, 2016; Clark County GIS; San Bernardino GIS, City of Hesperia; City of Boulder

Attachment 4.10-A: Existing Land Uses Within 1 Mile of the Proposed Project Map 13 of 21

Eldorado-Lugo-Mohave Series Capacitor Project

- ▲ Existing Substation
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- Proposed Fiber Optic Repeater Location
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Source: Insignia, 2016; Clark County GIS; San Bernardino GIS, City of Hesperia; City of Boulder

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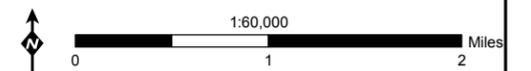
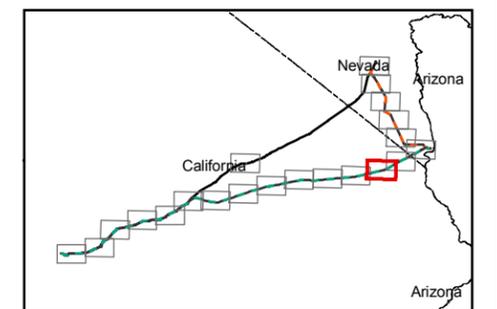
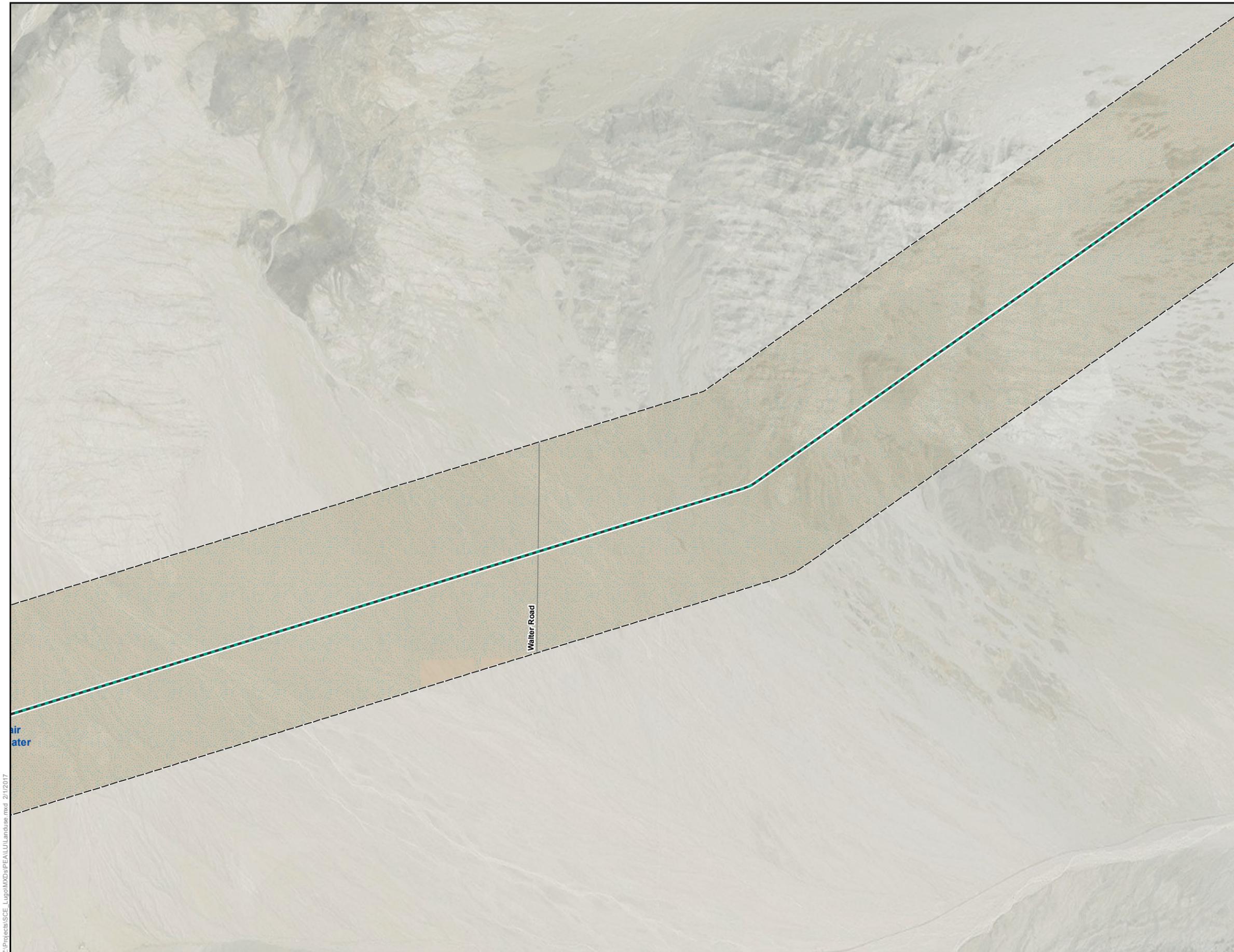
Attachment 4.10-A: Existing Land Uses Within 1 Mile of the Proposed Project Map 14 of 21

Eldorado-Lugo-Mohave Series Capacitor Project

- ▲ Existing Substation
- ◆ Proposed Mid-Line Capacitor Location
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Source: Insignia, 2016; Clark County GIS; San Bernardino GIS; City of Hesperia; City of Boulder

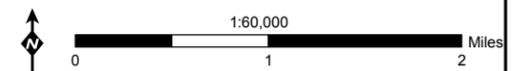
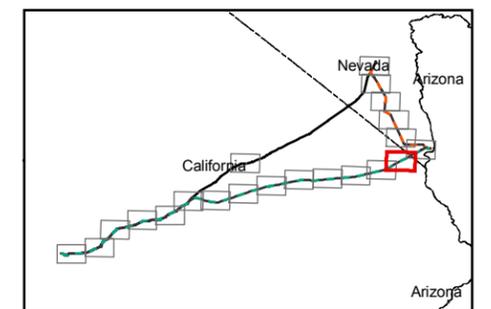
Attachment 4.10-A: Existing Land Uses Within 1 Mile of the Proposed Project Map 15 of 21

Eldorado-Lugo-Mohave Series Capacitor Project

- ▲ Existing Substation
- ◆ Proposed Mid-Line Capacitor Location
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- Eldorado - Lugo 500 kV Transmission Line
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Source: Insignia, 2016; Clark County GIS; San Bernardino GIS, City of Hesperia; City of Boulder

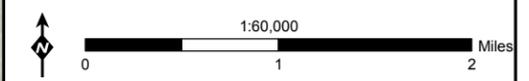
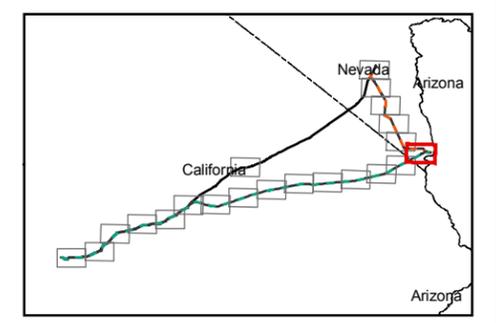
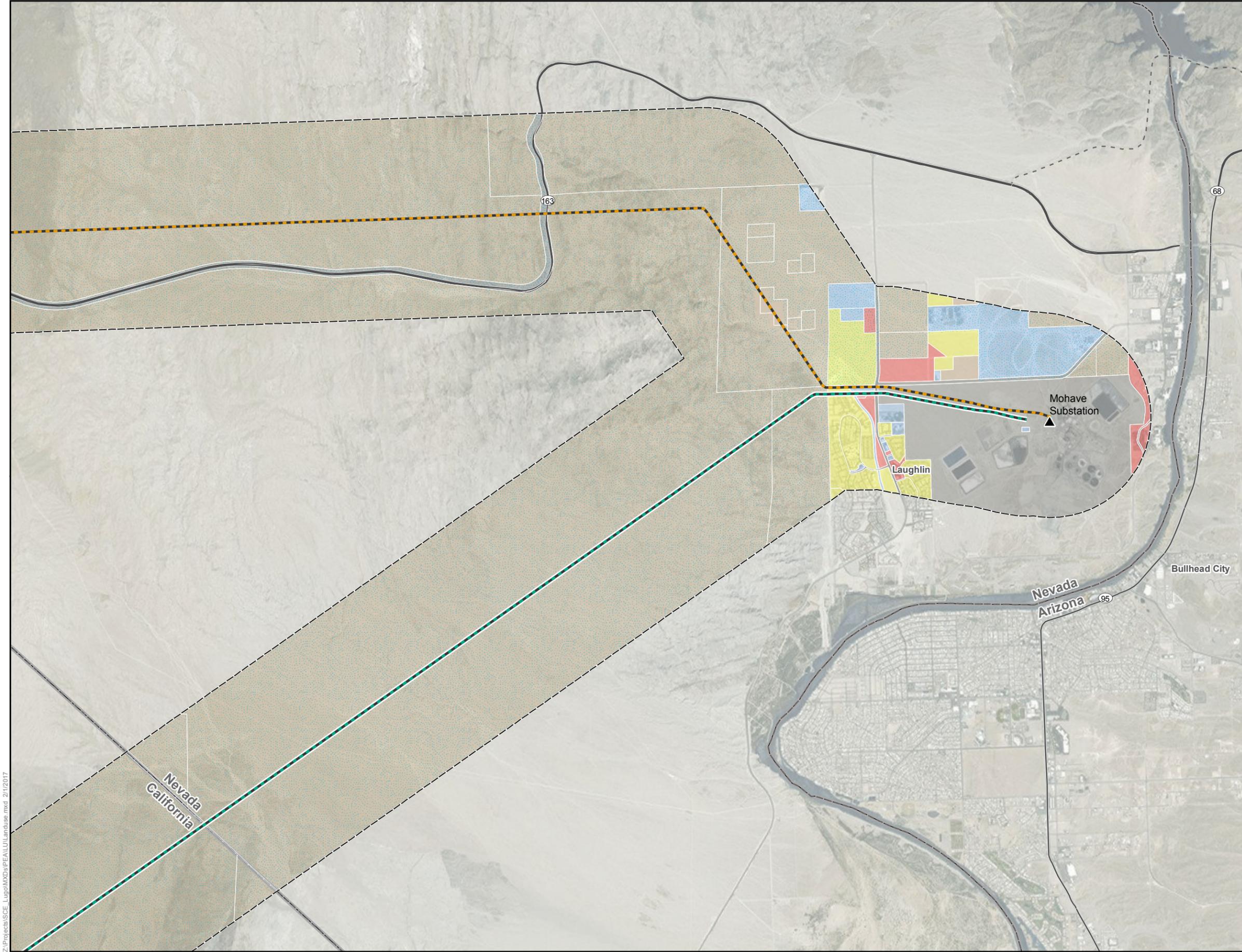
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Attachment 4.10-A: Existing Land Uses Within 1 Mile of the Proposed Project Map 16 of 21

Eldorado-Lugo-Mohave Series Capacitor Project

- ▲ Existing Substation
- ◆ Proposed Mid-Line Capacitor Location
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Source: Insignia, 2016; Clark County GIS; San Bernardino GIS; City of Hesperia; City of Boulder

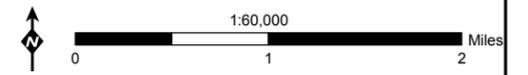
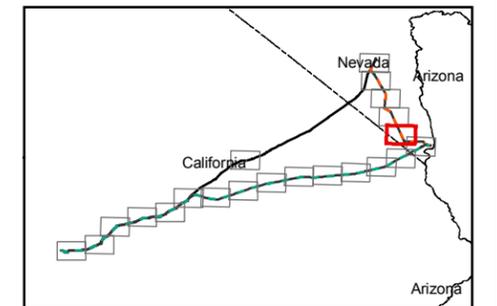
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Attachment 4.10-A: Existing Land Uses Within 1 Mile of the Proposed Project Map 17 of 21

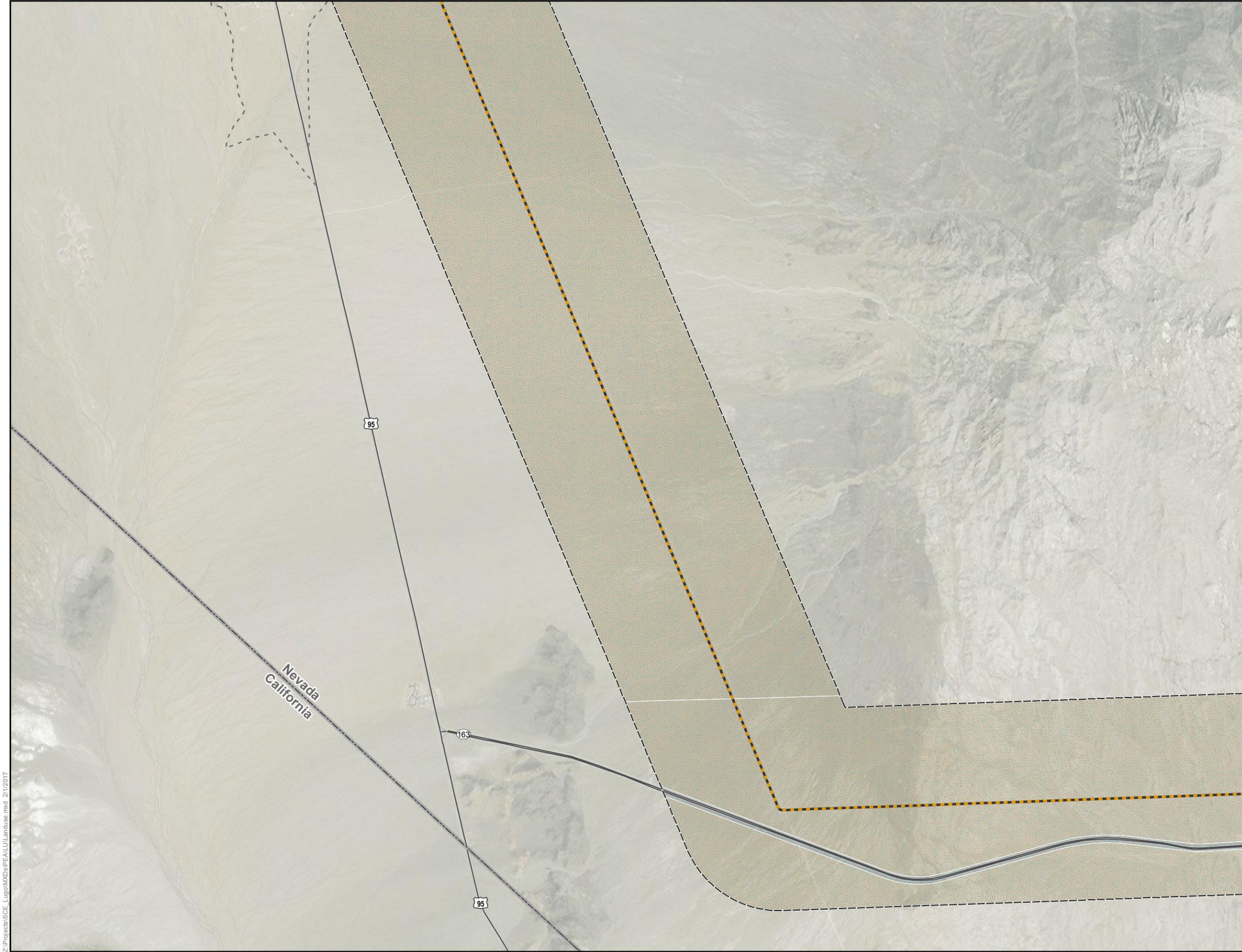
Eldorado-Lugo-Mohave Series Capacitor Project

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- Eldorado - Lugo 500 kV Transmission Line
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- Telecommunication Line
- - - 1-Mile Project Buffer
- - - City Boundary
- ▭ State Boundary
- == Interstate
- State Highway/US Highway
- Reference Roadway

- Existing Land Uses**
- Agriculture
 - Commercial
 - Conservation
 - Infrastructure
 - Industrial
 - Public/Institutional
 - Residential
 - Undeveloped/Vacant
 - Open Access/Recreation



Source: Insignia, 2016; Clark County GIS; San Bernardino GIS, City of Hesperia; City of Boulder



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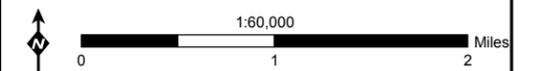
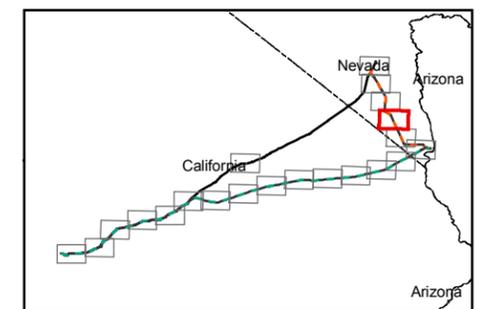
Attachment 4.10-A: Existing Land Uses Within 1 Mile of the Proposed Project Map 18 of 21

Eldorado-Lugo-Mohave Series Capacitor Project

- ▲ Existing Substation
- ◆ Proposed Mid-Line Capacitor Location
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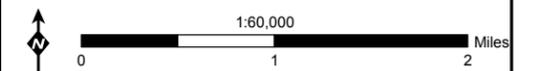
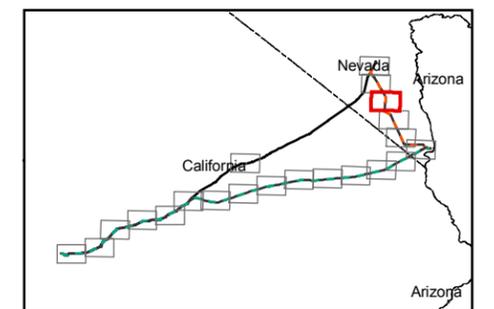
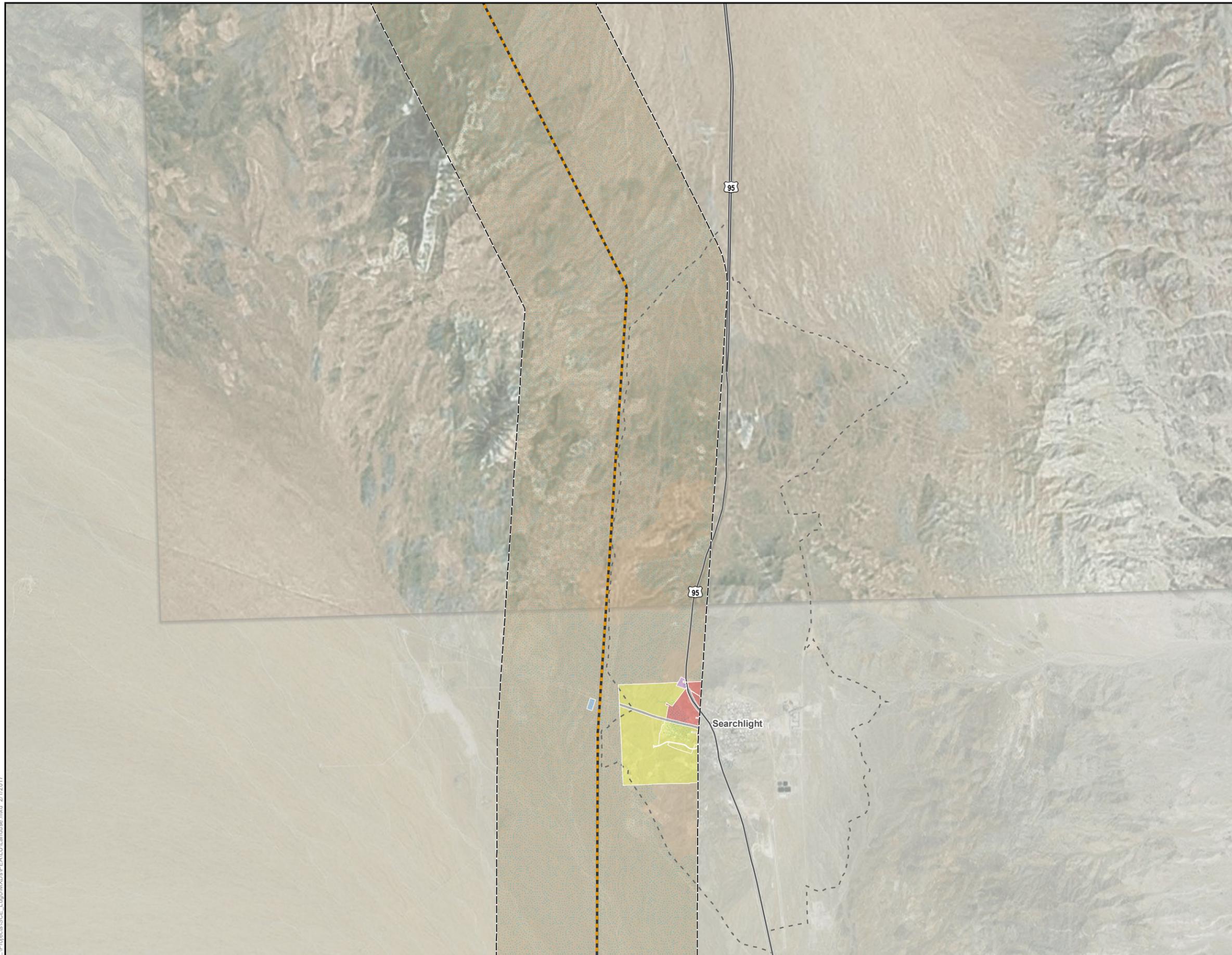
Attachment 4.10-A: Existing Land Uses Within 1 Mile of the Proposed Project Map 19 of 21

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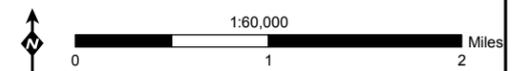
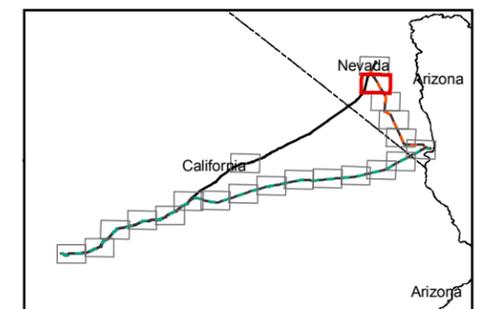
Attachment 4.10-A: Existing Land Uses Within 1 Mile of the Proposed Project Map 20 of 21

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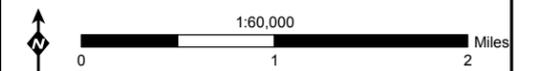
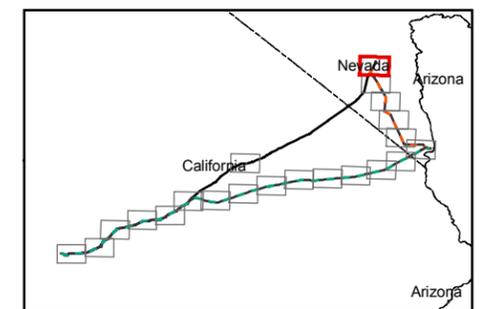
Attachment 4.10-A: Existing Land Uses Within 1 Mile of the Proposed Project Map 21 of 21

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**ATTACHMENT 4.10-B: RELEVANT LAND USE PLANS AND POLICIES
CONSISTENCY ANALYSIS**

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ATTACHMENT 4.10-B: RELEVANT LAND USE PLANS AND POLICIES CONSISTENCY ANALYSIS

Plan or Policy	Consistent (Yes/No)	Explanation
Federal Land Policy and Management Act		
Sec. 501. [43 U.S.C. 1761] (a) The Secretary, with respect to the public lands (including public lands, as defined in section 103(e) of this Act, which are reserved from entry pursuant to section 24 of the Federal Power Act (16 U.S.C. 818)) [P.L. 102-486, 1992] and, the Secretary of Agriculture, with respect to lands within the National Forest System (except in each case land designated as wilderness), are authorized to grant, issue, or renew rights-of-way over, upon, under, or through such lands for— (4) systems for generation, transmission, and distribution of electric energy, except that the applicant shall also comply with all applicable requirements of the Federal Energy Regulatory Commission under the Federal Power Act, including part I thereof (41 Stat. 1063, 16 U.S.C. 791a- 825r) [P.L. 102-486, 1992];	Yes	The Eldorado-Lugo-Mohave Series Capacitor Project (Proposed Project) would be constructed within existing or to-be-acquired Southern California Edison Company (SCE) franchise areas and rights-of-way (ROWs). SCE would not request any granting, issuing, or renewing of ROW from lands within the National Forest System. Therefore, the Proposed Project is consistent with this policy.
California Desert Protection Act of 1994		
SEC. 511. UTILITY RIGHTS OF WAY. (a)(1) Nothing in this title shall have the effect of terminating any validly issued ROW or customary operation, maintenance, repair, and replacement activities in such ROW, issued, granted, or permitted to Southern California Edison Company, its successors or assigns, which is located on lands included in the Mojave National Preserve, but outside lands designated as wilderness under section 601(a)(3). Such activities shall be conducted in a manner which will minimize the impact on preserve resources.	Yes	Construction activities located within the Mojave National Preserve include installation of optical ground wire (OPGW) and modifications or upgrades to the existing Lugo-Mohave 500 kilovolt (kV) Transmission Line and construction of the proposed Kelbaker and Lanfair Fiber Optic Repeaters. The proposed activities would be located within existing or to-be-acquired franchise areas and ROWs; therefore, the Proposed Project is consistent with this policy.

Plan or Policy	Consistent (Yes/No)	Explanation
<p>2) Nothing in this title shall have the effect of prohibiting the upgrading of an existing electrical transmission line for the purpose of increasing the capacity of such transmission line in the Southern California Edison Company validly issued Eldorado-Lugo Transmission Line right-of-way and Mojave-Lugo Transmission Line right-of-way, or in a right-of-way if issued, granted, or permitted by the Secretary adjacent to the existing Mojave-Lugo Transmission Line right-of-way (hereafter in this section referred to as 'adjacent right-of-way'), including construction of a replacement transmission line: Provided, That--</p> <p>(A) in the Eldorado-Lugo Transmission Line rights-of-way (hereafter in this section referred to as the 'Eldorado rights-of-way') at no time shall there be more than three electrical transmission lines;</p> <p>(B) in the Mojave-Lugo Transmission Line right-of-way (hereafter in this section referred to as the 'Mojave right-of-way') and adjacent right-of-way, removal of the existing electrical transmission line and reclamation of the site shall be completed no later than three years after the date on which construction of the upgraded transmission line begins, after which time there may be only one electrical transmission line in the lands encompassed by Mojave right-of-way and adjacent right-of-way;</p> <p>(C) if there are no more than two electrical transmission lines in the Eldorado rights-of-way, two electrical transmission lines in the lands encompassed by the Mojave right-of-way and adjacent right-of-way may be allowed;</p> <p>(D) in the Eldorado rights-of-way and Mojave right-of-way no additional land shall be issued, granted, or permitted for such upgrade unless an addition would reduce the impacts to preserve resources;</p> <p>(E) no more than 350 feet of additional land shall be issued, granted, or permitted for an adjacent right-of-way to the south of the Mojave right-of-way unless a greater addition would reduce the impacts to preserve resources; and</p> <p>(F) such upgrade activities, including helicopter aided construction, shall be conducted in a manner which will minimize the impact on preserve resources.</p>	<p>Yes</p>	<p>Construction activities located within the Mojave National Preserve include removal of overhead ground wire and installation of OPGW, and would not involve the construction of any additional electrical transmission lines within the existing ROWs. Therefore, there would not be an increase in the number of electrical transmission lines in the ROWs. The proposed construction activities would be located within existing franchise areas or within SCE ROWs, and no additional land would be required. Therefore, the Proposed Project is consistent with this policy.</p>
<p>California Desert Conservation Area Plan</p>		
<p>Decision Criteria 1: Minimize the number of separate rights-of-way by utilizing existing rights-of-way as a basis for planning corridors</p>	<p>Yes</p>	<p>The proposed construction activities would be located within existing or to-be-acquired franchise areas and ROWs along an existing transmission line corridor. Therefore, the Proposed Project is consistent with this policy.</p>
<p>Decision Criteria 2: Encourage joint use of corridors for transmission lines, canals, pipelines, and cables</p>	<p>Yes</p>	<p>The proposed construction activities would be located within existing or to-be-acquired franchise areas and ROWs along an existing transmission line corridor. The Proposed Project does not preclude the joint use of the ROW. Therefore, the Proposed Project is consistent with this policy.</p>
<p>Decision Criteria 3: Provide alternative corridors to be considered during processing of applications</p>	<p>Yes</p>	<p>Chapter 5, Detailed Discussion of Significant Impacts provides a discussion of alternatives to the Proposed Project and the selection process. Therefore, the Proposed Project is consistent with this policy.</p>

Plan or Policy	Consistent (Yes/No)	Explanation
Decision Criteria 4: Avoid sensitive resources wherever possible	Yes	The Proposed Project would be constructed within existing and/or to-be-acquired ROW and would also be constructed to avoid sensitive resources to the extent feasible wherever possible. Therefore, the Proposed Project is consistent with this policy.
Decision Criteria 5: Conform to local plans whenever possible	Yes	As discussed in Section 4.10.4, Impact Analysis, construction of the Proposed Project would not conflict with an applicable land use plan, policy, or regulation of an agency with jurisdiction over the Proposed Project. Therefore, the Proposed Project is consistent with this policy.
Decision Criteria 7: Complete the delivery-systems network	Yes	The Proposed Project is a policy-driven project that was approved by the California Independent System Operator (CAISO) as part of the 2012-2013 Transmission Plan and the 2013-2014 Transmission Plan. The Proposed Project is needed to safely deliver renewable generation to the Los Angeles Basin from the Eldorado and Mohave Substations. In addition, the Proposed Project would increase capacity and power flow between SCE's existing Eldorado, Lugo, and Mohave Substations. Therefore, the Proposed Project is consistent with this policy.
Decision Criteria 8: Consider ongoing projects for which decisions have been made, for example, the Intermountain Power Project	Yes	The Proposed Project is a policy-driven project that was approved by the CAISO as part of the 2012-2013 Transmission Plan and the 2013-2014 Transmission Plan. The Proposed Project is needed to facilitate power delivery associated with large federal transportation projects. In addition, the Proposed Project would increase capacity and power flow between SCE's existing Eldorado, Lugo, and Mohave Substations. Therefore, the Proposed Project is consistent with this policy.
Decision Criteria 9: Consider corridor networks which take into account power needs and alternative fuel resources	Yes	The Proposed Project is a policy-driven project that was approved by the CAISO as part of the 2012-2013 Transmission Plan and the 2013-2014 Transmission Plan. The Proposed Project is needed to safely deliver renewable generation to the Los Angeles Basin from the Eldorado and Mohave Substations. In addition, the Proposed Project would increase capacity and power flow between SCE's existing Eldorado, Lugo, and Mohave Substations. The proposed construction activities would be located within existing or to-be-acquired franchise areas and ROWs along an existing transmission line corridor. Therefore, the Proposed Project is consistent with this policy.
Desert Renewable Energy Conservation Plan - Bureau of Land Management Land Use Plan Amendment to the California Desert Conservation Area Plan		
Continue implementing a land exchange program with the State of California, to be utilized for the dual purposes of renewable energy development and land conservation.	Yes	The proposed construction activities would be located within existing or to-be-acquired franchise areas and ROWs along an existing transmission line corridor. Therefore, the Proposed Project is consistent with this policy.
Apply limitations to the development of large-scale ROWs in areas identified for conservation (conservation areas and SRMAs).	Yes	The proposed construction activities would be located within existing or to-be-acquired franchise areas and ROWs along an existing transmission line corridor. Therefore, the Proposed Project is consistent with this policy.
LUPA-LANDS-8: The CDCA Plan requirement that new transmission lines of 161kV or above, pipelines with diameters greater than 12 inches, coaxial cables for interstate communications, and major aqueducts or canals for interbasin transfers of water will be located in designated utility corridors, or considered through the plan amendment process outside of designated utility corridors, remains unchanged. The only exception is that transmission facilities may be located outside of designated corridors within DFAs without a plan amendment. This CMA does not apply the Bishop and Bakersfield RMPs.	Yes	The Proposed Project would not involve the construction of any additional electrical transmission lines within the existing ROWs. The proposed construction activities would be located within existing franchise areas or within SCE ROWs, and no additional land would be required. Therefore, the Proposed Project is consistent with this policy.

Plan or Policy	Consistent (Yes/No)	Explanation
<p>ACEC-DIST-1: Development in ACECs is limited by specified ground disturbance caps which are the total ground disturbance (existing [past and present] plus future). The specific ACEC ground disturbance caps are delineated in each of the individual ACEC Special Unit Management Plans (Appendix B). The ground disturbance caps will be used, managed and implemented following the methodology for California Desert National Conservation Lands and ACECs identified in Section II.2 and repeated in CMAs NLCS-DIST- 2, and ACEC-DIST-2.</p>	<p>Yes</p>	<p>The Proposed Project includes the modification and upgrade of existing facilities within an existing or to-be-acquired franchise areas and ROWs, along an existing transmission line corridor. The majority of the Proposed Project’s land disturbance would be temporary. SCE would clean up all areas that would be temporarily disturbed by construction of the Proposed Project (which may include the material staging yard, construction setup areas, stringing sites, and splicing sites) to as close to pre-construction conditions as feasible, or to the conditions agreed upon between the landowner and SCE following the completion of construction of the Proposed Project. If restoration and/or revegetation occurs within sensitive habitats, a habitat restoration and/or revegetation plan(s) would be developed by SCE with the appropriate resource agencies and implemented after construction is complete.</p> <p>Proposed construction activities would result in approximately 6 acres of permanent disturbance within the 46,500-acre Pisgah ACEC. Ground disturbance caps are expressed as a percentage (1 percent) of total BLM-managed ACEC acreage and cumulatively considers past, present, and future ground disturbance. The Proposed Project would result in an incremental (0.01 percent) contribution toward the Pisgah ground disturbance cap. Therefore, the Proposed Project is consistent with this policy.</p>
<p>ACEC-LANDS-1: Renewable energy activities are not allowed. ACECs are right-of-way avoidance areas for all other land use authorizations, except when identified as right-of-way exclusion areas in the individual unit’s Special Management Plan (Appendix B).</p> <p>Transmission is allowed. Re-powering of an existing wind facility is allowed if the re-power project remains within the existing approved wind energy ROW and reduces environmental impacts.</p>	<p>Yes</p>	<p>The Proposed Project includes the modification and upgrade of existing facilities within an existing or to-be-acquired franchise areas and ROWs, along an existing transmission line corridor. Therefore, the Proposed Project is consistent with this policy.</p>
<p>WILD-LANDS-2: Applications for use authorizations that provide a benefit to the management area or serve public interests may be allowed, unless prohibited by statute.</p>	<p>Yes</p>	<p>The Proposed Project is a CAISO-approved, policy-driven project that was approved as part of the 2012-2013 Transmission Plan and the 2013-2014 Transmission Plan. The Proposed Project is needed to safely deliver renewable generation to the Los Angeles Basin from the Eldorado and Mohave Substations. The Proposed Project includes the modification and upgrade of existing facilities within an existing or to-be-acquired franchise areas and ROWs, along an existing transmission line corridor. Therefore, the Proposed Project is consistent with this policy.</p>
<p>DFA-LANDS-7: Transmission facilities are an allowable use and will not require a plan amendment within DFAs.</p>	<p>Yes</p>	<p>The Proposed Project includes the modification and upgrade of existing facilities within an existing or to-be-acquired franchise areas and ROWs, along an existing transmission line corridor. Therefore, the Proposed Project is consistent with this policy.</p>
<p>Bureau of Reclamation: Reclamation Manual, Directives and Standards</p>		
<p>3. General Policy and Limitations.</p> <p>I. Blasting, Excavating, Drilling, or Installing Laterals, Drains, Powerplants, or Utilities. Excavating, blasting, constructing, gas and oil drilling, or installing roads, laterals, drains, powerplants or utilities near, around, or within Reclamation-managed and Federally owned dams, dikes, and canals; diversion works; or other structures that store, divert, or convey water is generally prohibited. These uses have potentially severe impacts on operation, maintenance, and structural safety of these facilities. Any non-Reclamation use on or near these types of structures may also impede Reclamation’s ability to perform emergency actions and cause interruption of the use. Any exceptions to this general</p>	<p>Yes</p>	<p>On Bureau of Reclamation (BOR) land, the Proposed Project includes the modification of existing facilities within existing franchise areas and ROWs. No BOR facilities (e.g., dams, dikes, and canals); diversion works; or other structures that store, divert, or convey water are located within 1 mile of the Proposed Project. Therefore, the Proposed Project is consistent with this policy.</p>

Plan or Policy	Consistent (Yes/No)	Explanation
prohibition require approval by the Area Manager, the Regional Director, or their delegates in consultation with the Dam Safety, operation and maintenance, and engineering staff, as appropriate.		
<p>7. Permit/License.</p> <p>A. Use of Permit/License. The majority of use authorizations issued will generally be in the form of permits and licenses as applicants seldom need greater (easement) interest, and granting greater land interest is often not in the best public interest. Authorizations for short-term (less than 3 years) or one-time short-duration use authorizations such as for recreation events, material storage, or for other miscellaneous temporary uses or privileges are the types of uses authorized through permits. Construction or placement of transmission or distribution lines, access roads, trails, pipelines, power lines, telephone lines, and other facilities involving installation or construction of longer-term capital improvements (requiring amortization periods over 3 years) are the types of uses authorized through a longer term license. Permits and licenses constitute a contract between the parties.</p>	Yes	The Proposed Project would be constructed within existing SCE ROWs. SCE is not anticipating requesting any granting, issuing, or renewing of ROW from the BOR and does not anticipate acquiring or expanding any easements. Therefore, the Proposed Project is consistent with this policy.
<p>10. Application and Administration Procedures.</p> <p>A. Application Requirements. Applications are to be made as specified in 43 CFR § 429.6. No specific use authorization application format is required; however, Reclamation Form 7-2540 should generally be used.</p> <p>(1) 100-Kilovolt Transmission Lines. A use authorization applicant must show that any legally required permits to construct power transmission lines in excess of 100 kilovolts have been secured by the applicant from the appropriate power marketing authority prior to Reclamation issuing a use authorization for such line.</p>	Yes	This Proponent’s Environmental Assessment for the Proposed Project would be submitted to the California Public Utilities Commission (CPUC) for use in preparing a California Environmental Quality Act document. Construction of the Proposed Project would not commence until CPUC approval is obtained and use authorization is granted from the BOR, if necessary. Therefore, the Proposed Project is consistent with this policy.
California Historic Route 66: Needles to Barstow Corridor Management Plan (Proposed)		
<p>Strategy 2.3: Develop a scenic resource management protocol for consideration on private lands and lands within identified communities that complements the BLM VRM system. Coordination is suggested to ensure that Historic Route 66 is duly considered in land use decisions that permit commercial and/or utility scale energy development within the viewshed of Historic Route 66. It is recommended that BLM VRM Level II and/or III be considered as the minimum standard outside of existing communities and previously developed areas and utility corridors to ensure conservation of the Historic Route 66 context</p>	Yes	<p>Proposed construction activities would occur within the viewshed of Historic Route 66, including construction of the Newberry Springs Capacitor Site. Construction activities associated with the Proposed Project would be temporary, lasting weeks or months for the capacitors and repeaters, and a day or two along the linear components before moving onto the next segment. Further, the Proposed Project would be constructed within an existing utility corridor.</p> <p>As discussed in Section 4.1, Aesthetics, the Newberry Springs Series Capacitor site can also be viewed from the National Trails Highway. However, SCE would utilize the Bureau of Land Management (BLM) Visual Resource Management system to assess any visual quality impacts. The mid-line capacitor facilities would be unmanned, but equipment and trucks may be visible from National Trails Highway during maintenance activities. However, maintenance activities would be temporary and short in duration, and due to the distance of the facilities from the roadways, the trucks and equipment would appear small in the distance and would be hidden from view by the facilities themselves, depending on the access road locations. Views of the surrounding natural environment, including mountains in the background of these viewsheds, would not be altered, thus ensuring conservation of the Historic Route 66 context. Therefore, the Proposed Project is consistent with this policy.</p>

Plan or Policy	Consistent (Yes/No)	Explanation
County of San Bernardino 2007 General Plan		
<p>CO 8.1: Maximize the beneficial effects and minimize the adverse effects associated with the siting of major energy facilities. The County will site energy facilities equitably in order to minimize net energy use and consumption of natural resources, and avoid inappropriately burdening certain communities. Energy planning should conserve energy and reduce peak load demands, reduce natural resource consumption, minimize environmental impacts, and treat local communities fairly in providing energy efficiency programs and locating energy facilities.</p> <p>Program 3: Require undergrounding of new and existing transmission lines when feasible.</p>	Yes	<p>The Proposed Project is a CAISO-approved, policy-driven project that was approved as part of the 2012-2013 Transmission Plan and the 2013-2014 Transmission Plan. The Proposed Project is needed to safely deliver renewable generation to the Los Angeles Basin from the Eldorado and Mohave Substations. In addition, the Proposed Project would increase capacity and power flow between SCE's existing Eldorado, Lugo, and Mohave Substations.</p> <p>The Proposed Project components within San Bernardino County would be configured aboveground. Because the Proposed Project is located within an existing or to-be-acquired franchise areas and ROWs and utility corridor, and because undergrounding the line in this location would result in increased environmental impacts, adherence to this policy would not be practicable. Therefore, the Proposed Project is consistent with this policy.</p> <p>As discussed in Section 4.1, Aesthetics, the Proposed Project would include the removal of existing transmission line and installation of OPGW and modifications to existing substations and, as such, no change from the existing aesthetic condition would occur. While the Proposed Project would include construction of the Newberry Springs Series Capacitor and Ludlow Series Capacitor adjacent to the Eldorado-Lugo and Lugo-Mohave 500 kV Transmission Lines near Pisgah Substation, the new capacitors would be located in an existing or to-be-acquired franchise areas and ROWs and utility corridor, and no significant change to the existing aesthetic conditions would occur; thus the Proposed Project would be aesthetically compatible with the surrounding environment. Therefore, the Proposed Project is consistent with this policy.</p>
<p>CO 10.1: Electric infrastructure is essential to serve growth and development in the County. Effective planning for electrical infrastructure requires collaboration between the major utilities and the County.</p>	Yes	<p>The Proposed Project is a CAISO-approved, policy-driven project that was approved as part of the 2012-2013 Transmission Plan and the 2013-2014 Transmission Plan. The Proposed Project is needed to safely deliver renewable generation to the Los Angeles Basin from the Eldorado and Mohave Substations to accommodate growth in the region. In addition, the Proposed Project would increase capacity and power flow between SCE's existing Eldorado, Lugo, and Mohave Substations. Therefore, the Proposed Project is consistent with this policy.</p>
<p>CO 10.2: The location of electric facilities should be consistent with the County's General Plan, and the General Plan should recognize and reflect the need for new and upgraded electric facilities.</p>	Yes	<p>The Proposed Project includes the modification and upgrade of existing facilities within an existing or to-be-acquired franchise areas and ROWs, along an existing transmission line corridor. Therefore, the Proposed Project is consistent with this policy.</p>

Plan or Policy	Consistent (Yes/No)	Explanation
<p>S 7.4: Designate areas identified by the Alquist-Priolo Earthquake Fault Zoning Act (Public Resource Code, Division 2, Chapter 7.5) on the Hazard Overlay Maps to protect occupants and structures from high level of risk caused by ground rupture during earthquake.</p> <p>Program 5: Plan transportation facilities (i.e. roads, freeways, rail, rapid transit) and utility systems to cross active fault traces a minimum number of times and to be designed to accommodate fault displacement without major damage that would cause long-term and unacceptable disruption of service. Utility lines will be equipped with such mechanisms as flexible units, valving, redundant lines, or auto valves to shut off flows in the event of fault rupture.</p>	Yes	<p>As discussed in Section 4.6, Geology and Soils, the Proposed Project is located within the seven mapped Alquist-Priolo fault zones. However, the Proposed Project is not located within liquefaction or landslide areas designated by the U.S. Geological Survey. In addition, the majority of the Proposed Project is located within existing or to-be-acquired franchise areas and ROWs, where soils have been previously modified and engineered to support structures and withstand seismic activity.</p> <p>The Proposed Project would be engineered to withstand strong ground movement and moderate ground deformation. However, because the Proposed Project site is located within Alquist-Priolo fault zones, additional geotechnical investigations would be conducted for work areas that require the installation of new structures located within the Alquist-Priolo fault zones to ensure that the final design of the Proposed Project is able to withstand seismic shaking and seismic-induced hazards. In addition, modifications to existing transmission, subtransmission, distribution, and telecommunications facilities would be designed in accordance with the standards provided in CPUC General Order (G.O.) 95 and G.O. 128. As a result, the Proposed Project would be able to withstand reasonably foreseeable seismic events. Incorporation of these standard engineering practices would ensure that people or structures would not be exposed to hazards associated with strong seismic ground shaking. As a result, the Proposed Project would be consistent with this policy.</p>
City of Hesperia General Plan 2010		
<p>Implementation Policy SF-1.7: If a critical facility is proposed across the trace of any of the secondary faults mapped within the City or its Sphere, the City's Building Department shall require, as a condition of approval, that geological studies to assess the location and recency of activity of the fault be conducted. These studies shall be conducted at the level of detail required by the California Geological Survey for fault studies in Alquist-Priolo earthquake fault zones. Critical facilities include fire and police stations; City communication centers; hospitals, schools, pre-schools, nursing homes and other limited-mobility or high-occupancy populations; electrical substations and towers, water reservoirs, high-pressure or large-diameter pipelines, and bridges or other key transportation structures.</p>	Yes	<p>The Proposed Project does not cross any faults in the City of Hesperia. Therefore, the Proposed Project is consistent with this policy.</p>
<p>Implementation Policy SF 2.1: The City shall continue enforcing the City's Municipal Code provisions for flood hazard reduction (Title 8: Safety, Chapter 8.28: Flood Hazard Protection and Regulations). This code, which applies to new construction and existing projects undergoing substantial improvements, provides construction standards that address the major causes of flood damage, and includes provisions for anchoring, placement of utilities, raising floor elevations, using flood-resistant construction materials, and other methods to reduce flood damage.</p>	NA	<p>According to Title 8: Safety, Chapter 8.28: Flood Hazard Protection and Regulations, "the flood hazard areas of the city are subject to periodic inundation which results in loss of life and property, health and safety hazards, disruption of commerce and governmental services, extraordinary public expenditures for flood protection and relief and impairment of the tax base, all of which adversely affect the public health, safety and general welfare." The Proposed Project is not located within the 500-year flood plain in the City of Hesperia; therefore, this policy is not applicable to the Proposed Project.</p>
Clark County Multiple Species Habitat Conservation Plan		
<p>k. Utilities: Numerous major utility rights-of-way transect Clark County from north to south. None of these rights-of-way are within a designated corridor. However, the Las Vegas RMP designates several utility corridors for rights-of-way on public lands managed by BLM. BLM encourages future utility rights-of-way on public land to be located within those corridors whenever feasible.</p>	Yes	<p>The Proposed Project includes the modification of existing facilities within existing franchise areas and ROWs along an existing transmission line corridor in Clark County, and does not require designation of a new ROW. Therefore, the Proposed Project is consistent with this policy.</p>

Plan or Policy	Consistent (Yes/No)	Explanation
Utility Lines Conservation Action(s): site new power lines in consolidated utility corridors adjacent to existing facilities; retrofit existing lines where appropriate	Yes	The Proposed Project includes the modification of existing facilities within existing franchise areas and ROWs, and does not include or involve the siting of new power lines. Therefore, the Proposed Project is consistent with this policy.
Utility Lines Conservation Action(s): minimize new road construction associated with new utility facilities; where possible close and rehabilitate unneeded existing roads or new roads after construction	Yes	The Proposed Project would utilize existing access roads and does not require construction of new roads within Clark County. Therefore, the Proposed Project is consistent with this policy.
Utility Lines Conservation Action(s): incorporate design feature into new towers to inhibit raptor or raven perching and nesting; as appropriate, retrofit existing towers with devices to discourage raptor and raven perching	Yes	As discussed in Section 4.4, Biological Resources, SCE's facilities are designed in compliance with the Avian Power Line Interaction Committee's (APLIC's) <i>Suggested Practices for Avian Protection on Power Lines: The State of the Art in 2006</i> to the extent feasible. SCE would incorporate design features into new towers to inhibit raptor or raven perching and nesting; and, as appropriate, SCE would retrofit existing towers with devices to discourage raptor and raven perching.
USFS(58) Work with utility companies to ensure poles are raptor-safe. (CA4.15)	Yes	As discussed in Section 4.4, Biological Resources, SCE's facilities are designed in compliance with APLIC's <i>Suggested Practices for Avian Protection on Power Lines: The State of the Art in 2006</i> to the extent feasible. SCE would incorporate design features into new towers to inhibit raptor or raven perching and nesting; and, as appropriate, SCE would retrofit existing towers with devices to discourage raptor and raven perching.
USFWS(46) Consolidate utility corridors to the extent feasible on Federal lands (DNWR).	Yes	The proposed construction activities would be located within existing franchise areas and ROWs along an existing transmission line corridor. Therefore, the Proposed Project is consistent with this policy.
BLM(301) Limit the construction of new roads for the development of utility lines within special status species habitat.	Yes	The Proposed Project does not require construction of new roads in Clark County. Therefore, the Proposed Project is consistent with this policy.
BLM(207) Implement the following management actions in desert tortoise ACECs (743,209 acres): 4) Limit utility corridors to 3,000 feet or less in width.	Yes	In Clark County, a majority of the proposed construction activities would be located within existing franchise areas and ROWs along an existing transmission line corridor. The existing transmission line corridor is approximately 150 to 300 feet wide, and therefore would remain less than 3,000 feet in width. Therefore, the Proposed Project is consistent with this policy.
NPS(60) Consolidate utility corridors to the extent feasible on Federal lands.	Yes	The Proposed Project includes the modification of existing facilities within an existing franchise areas and ROWs along an existing transmission line corridor, and does not include or involve the siting or construction of a new utility corridor. Therefore, the Proposed Project is consistent with this policy.
NDOW(42) Work with utility companies to ensure poles are raptor safe. Participate in effort with property owners to restore and enhance Cold Creek area in the Spring Mountains NRA.	Yes	As discussed in Section 4.4, Biological Resources, SCE's facilities are designed in compliance with APLIC's <i>Suggested Practices for Avian Protection on Power Lines: The State of the Art in 2006</i> to the extent feasible. SCE would incorporate design features into new towers to inhibit raptor or raven perching and nesting; and, as appropriate, SCE would retrofit existing towers with devices to discourage raptor and raven perching.
Boulder City Conservation Easement (BCCE) Management Plan		
8.3 Monitor and coordinate with utility companies to minimize impacts from existing and proposed transmission corridors and facilities	Yes	The Proposed Project includes the modification and upgrade of existing facilities within existing franchise areas and ROWs along an existing transmission line corridor in the BCCE, and all use rights in these corridors are excluded from the BCCE. Therefore, the Proposed Project is consistent with this policy.

Plan or Policy	Consistent (Yes/No)	Explanation
Southern Nevada Strong Regional Plan: Aboveground Utility Policies		
Policy 1: Ensure that proposed Aboveground Utility Projects follow the SNRPC's process for Projects of Regional Significance.	Yes	As discussed in Section 4.10.2.2, State, the Public Utilities Commission of Nevada (PUCN) is the lead agency for compliance with the Nevada Utility Environmental Protection Act (UEPA). SCE would comply with all applicable processes and obtain the required permits. Therefore, the Proposed Project would be consistent with this policy.
Policy 2: Use the Aboveground Utility Corridor Map for review of proposed Aboveground Utility Projects.	Yes	The Proposed Project includes the modification and upgrade of existing facilities within an existing franchise areas and ROWs in Clark County, which is located along an existing transmission line corridor that is also delineated in the Aboveground Utility Corridors Map for Clark County. Therefore, the Proposed Project is consistent with this policy.
Policy 3: Support increasing capacity of existing utility corridors over establishing new ones.	Yes	The Proposed Project would be constructed within existing franchise areas and ROWs in Clark County, along an existing transmission line corridor. Therefore, the Proposed Project is consistent with this policy.
Policy 6: Explore opportunities with utility providers to locate trails within existing and future utility corridors wherever possible.	Yes	The Proposed Project includes the modification and upgrade of existing facilities within existing franchise areas or within existing franchise areas and ROWs in Clark County, along an existing transmission line corridor that is also delineated in the Aboveground Utility Corridors Map for Clark County. Therefore, the Proposed Project is consistent with this policy.
Clark County Comprehensive Plan		
Utilities 3: Utility providers are to locate transmission lines and pipelines within Clark County's existing utility corridors when technically feasible.	Yes	The Proposed Project includes the modification of existing facilities within existing franchise areas and ROWs along an existing transmission line corridor in Clark County. Therefore, the Proposed Project is consistent with this policy.
Utilities 4: Support increasing capacity of existing utility corridors over establishing new ones.	Yes	The Proposed Project includes the modification and upgrade of existing facilities within existing franchise areas and ROWs along an existing transmission line corridor in Clark County. Therefore, the Proposed Project is consistent with this policy.
Utilities 5: If established corridors cannot meet utility demand, support the development of new multi-use utility corridors that ensure safe siting of both pipelines and transmission lines to minimize impacts on existing development.	Yes	The Proposed Project includes the modification of existing facilities within an existing franchise areas and ROWs along an existing transmission line corridor in Clark County. Therefore, the Proposed Project is consistent with this policy.
Utilities 6: Encourage the development of transmission capability and interconnectivity for distributed energy, cogeneration and alternative energy sources, including regional interconnectivity and transmission capability.	Yes	The Proposed Project includes the modification of existing facilities to safely deliver renewable generation to the Los Angeles Basin from the Eldorado and Mohave Substations. In addition, the Proposed Project would increase capacity and power flow between SCE's existing Eldorado, Lugo, and Mohave Substations. Therefore, the Proposed Project is consistent with this policy.

Plan or Policy	Consistent (Yes/No)	Explanation
Utilities 10: When the right-of-way or easement allows, promote underground utility services that are located within the sidewalk/clear zone. Also see related policies in: Conservation section: Water Quality, and Water Resources.	Yes	The Proposed Project includes the modification of existing facilities, which would be configured aboveground, within existing franchise areas and ROWs in Clark County. Because the Proposed Project would travel within existing franchise areas, ROWs, and utility corridor, and because undergrounding the line in this location would result in increased environmental impacts, adherence to this policy would not be practicable. Additionally, the Proposed Project would not be constructed along or within any existing sidewalks. Therefore, the Proposed Project is consistent with this policy.
Utilities 11: Ensure that proposed Aboveground Utility Projects follow the SNRPC's process for Projects of Regional Significance.	Yes	As discussed in Section 4.10.2.2, State, the PUCN is the lead agency for compliance with the Nevada UEPA. SCE would comply with all applicable processes and obtain the required permits. Therefore, the Proposed Project would be consistent with this policy.
Utilities 12: Use the Aboveground Utility Corridor Map for review of proposed Aboveground Utility Projects.	Yes	The Proposed Project includes the modification and upgrade of existing facilities within existing franchise areas or within existing franchise areas and ROWs in Clark County, along an existing transmission line corridor that is also delineated in the Aboveground Utility Corridors Map for Clark County. Therefore, the Proposed Project is consistent with this policy.
Utilities 13: Explore opportunities with utility providers to locate trails within existing and future utility corridors wherever possible.	Yes	The majority of existing and future utility corridors are managed by the BLM; therefore, any requirements to coordinate the location of trails within these corridors would be between Clark County and the BLM. To the extent that any corridors are managed by SCE, SCE would meet and confer with Clark County as to the location of trails within these corridors, as appropriate. Therefore, the Proposed Project is consistent with this policy.
South Clark County Land Use Plan		
Policy 30.1: When technically feasible, encourage the joint use of corridors by utilities and service providers so that needed infrastructure is consolidated.	Yes	The Proposed Project includes the modification of existing facilities within existing franchise areas and ROWs along an existing transmission line corridor in Clark County. Therefore, the Proposed Project is consistent with this policy.
Policy 30.2: Promote the joint use of high voltage transmission line corridors and transportation systems that allow for the development of pedestrian, equestrian, and bicycle trails within existing and planned transmission line corridors. Incorporate strategies that take into consideration access for routine and emergency transmission line maintenance.	Yes	The Proposed Project includes the modification and upgrade of existing facilities within existing franchise areas and ROWs in Clark County, along an existing transmission line corridor that is also delineated in the Aboveground Utility Corridors Map for Clark County. The majority of the existing and future utility corridors are managed by the BLM; therefore, any requirements to coordinate the location of trails within these corridors would be between Clark County and the BLM. To the extent that any corridors are managed by SCE, SCE would meet and confer with Clark County as to the location of trails within these corridors, as appropriate. Therefore, the Proposed Project is consistent with this policy.
Policy 30.3: Encourage the upgrade and use of existing corridors whenever possible to minimize the overall number of corridors established within South Clark County communities.	Yes	The Proposed Project includes the modification of existing facilities within existing franchise areas and ROWs along an existing transmission line corridor in Clark County and would not require a new corridor. Therefore, the Proposed Project is consistent with this policy.
Policy 51.1: Utility Roads, infrastructure alignments and other pioneered roads created along recently constructed infrastructure (water, gas, sewer, etc.) are a problem in this area. These alignments are turned into roads which then produce fugitive dust emissions that adversely impact adjacent land uses and air quality. These roads should be developed in accordance with Section 30.32.070 of Title 30.	Yes	The Proposed Project would utilize existing access roads and does not require construction of new roads within Clark County. Therefore, the Proposed Project is consistent with this policy.

Plan or Policy	Consistent (Yes/No)	Explanation
Laughlin Land Use Plan		
Policy 17.6: Construction of infrastructure and public facilities for a major project should be timed to run concurrently with the development it supports in order to provide adequate service and to minimize financial burden to the service provider and the public.	Yes	The Proposed Project is a CAISO-approved, policy-driven project that was approved as part of the 2012-2013 Transmission Plan and the 2013-2014 Transmission Plan. The Proposed Project is needed to safely deliver renewable generation to the Los Angeles Basin from the Eldorado and Mohave Substations to accommodate growth in the region. Therefore, the Proposed Project is consistent with this policy.
Policy 34.1: Encourage the installation of public and quasi-public infrastructure (e.g., electrical substations, water pumping stations, etc.) with enhanced designs which utilize low profile equipment, decorative block walls, drought-tolerant landscaping and features which integrate with adjacent development.	Yes	The Proposed Project would include the removal of existing transmission line and installation of OPGW and modifications to existing substations in the unincorporated community of Laughlin, and, as such, no change from the existing aesthetic condition would occur; thus the Proposed Project would integrate with adjacent development and be aesthetically compatible with the surrounding environment. Therefore, the Proposed Project is consistent with this policy.
Policy 34.2: Discourage the use of low voltage overhead electric distribution lines. The Unified Development Code (Title 30) mandates that electric distribution lines be installed underground.	Yes	The Proposed Project components within Laughlin would be configured aboveground. Because the Proposed Project is located within an existing franchise areas and ROWs and utility corridor, and because undergrounding the line in this location would result in increased environmental impacts, adherence to this policy would not be practicable. Therefore, the Proposed Project is consistent with this policy.
Policy 35.1: Encourage the joint use of corridors by utilities and service providers so that needed infrastructure is consolidated.	Yes	The Proposed Project includes the modification of existing facilities within existing franchise areas and ROWs along an existing transmission line corridor in Laughlin and would not require a new corridor. Therefore, the Proposed Project is consistent with this policy.
Policy 35.2: Promote the joint use of high voltage transmission line corridors and transportation systems that allow for the development of pedestrian, equestrian, and bicycle trails within existing and planned transmission line corridors. Incorporate strategies that encourage transit-friendly corridor uses while taking into consideration access for routine and emergency transmission line maintenance.	Yes	The majority of existing and future utility corridors are managed by the BLM; therefore, any requirements to coordinate the location of trails within these corridors would be between Clark County and the BLM. To the extent that any corridors are managed by SCE, SCE would meet and confer with Clark County as to the location of trails within these corridors, as appropriate. Therefore, the Proposed Project is consistent with this policy.
Policy 35.3: Encourage the upgrade and use of existing corridors whenever possible to minimize the overall number of corridors established within Laughlin.	Yes	The Proposed Project includes the modification of existing facilities within existing ROWs along an existing transmission line corridor in Laughlin and would not require a new corridor. Therefore, the Proposed Project is consistent with this policy.

Sources: Govtrack.us (2015), BLM (1980, 2001, 2015b, 2016a, 2016b), BOR (2002), County of San Bernardino (2007b), City of Hesperia (2010), Clark County (2007, 2013, 2014, 2015a, 2015e, 2015f), Southern Nevada Regional Planning Coalition (2014)

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**ATTACHMENT 4.10-C: GENERAL PLAN DESIGNATIONS WITHIN 1 MILE OF THE
PROPOSED PROJECT**

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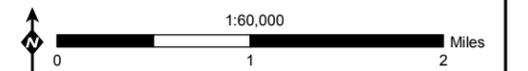
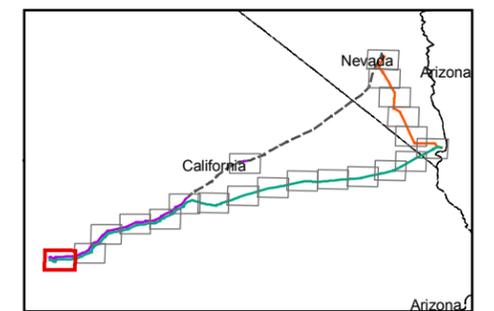
Attachment 4.10-C: General Plan Designations Within 1 Mile of the Proposed Project
Map 1 of 21

Eldorado-Lugo-Mohave Series Capacitor Project

- ▲ Existing Substation
- ◆ Proposed Mid-Line Capacitor Location
- Proposed Fiber Optic Repeater Location
- Eldorado - Lugo 500 kV Transmission Line
- Eldorado - Mohave 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Transmission Line not part of Proposed Project
- Telecommunication Line
- ⊞ 1-Mile Project Buffer
- ⊞ City Boundary
- ⊞ State Boundary
- Interstate
- State Highway/US Highway
- Reference Roadway

General Plan Designations

- Agriculture
- Commercial
- Conservation
- Infrastructure
- Manufacturing and Industrial
- Multiple Family Residential
- Open Space
- Planned Development
- Public Facility/Institutional
- Resource Management
- Rural Residential
- Single Family Residential
- Airport
- Specific Plan



Source: Insignia, 2016; Clark County GIS; San Bernardino GIS; City of Hesperia; City of Boulder

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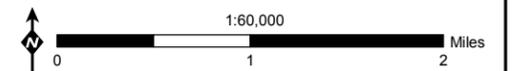
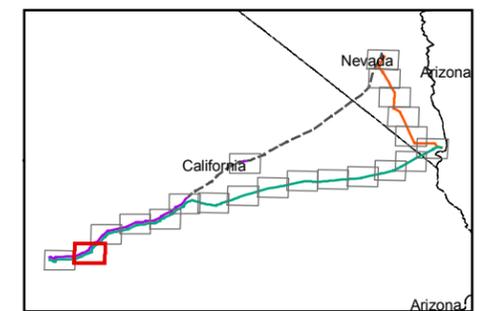
Attachment 4.10-C: General Plan Designations Within 1 Mile of the Proposed Project
Map 2 of 21

Eldorado-Lugo-Mohave Series Capacitor Project

- ▲ Existing Substation
- ◆ Proposed Mid-Line Capacitor Location
- Proposed Fiber Optic Repeater Location
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- Eldorado - Mohave 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Transmission Line not part of Proposed Project
- Telecommunication Line
- - - 1-Mile Project Buffer
- - - City Boundary
- - - State Boundary
- == Interstate
- State Highway/US Highway
- Reference Roadway

General Plan Designations

- Agriculture
- Commercial
- Conservation
- Infrastructure
- Manufacturing and Industrial
- Multiple Family Residential
- Open Space
- Planned Development
- Public Facility/Institutional
- Resource Management
- Rural Residential
- Single Family Residential



Source: Insignia, 2016; Clark County GIS; San Bernardino GIS, City of Hesperia; City of Boulder

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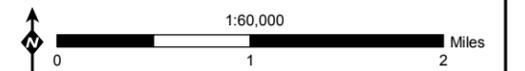
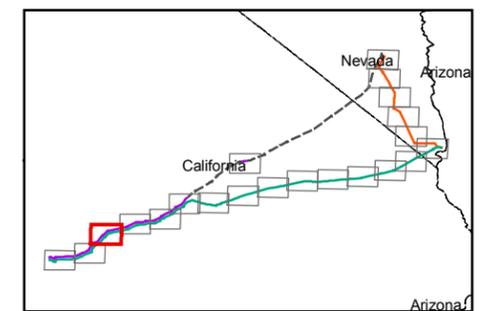
Attachment 4.10-C: General Plan Designations Within 1 Mile of the Proposed Project
Map 3 of 21

Eldorado-Lugo-Mohave Series Capacitor Project

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- State Highway/US Highway
- Reference Roadway

General Plan Designations

- Agriculture
- Commercial
- Conservation
- Infrastructure
- Manufacturing and Industrial
- Multiple Family Residential
- Open Space
- Planned Development
- Public Facility/Institutional
- Resource Management
- Rural Residential
- Single Family Residential



Source: Insignia, 2016; Clark County GIS; San Bernardino GIS, City of Hesperia; City of Boulder

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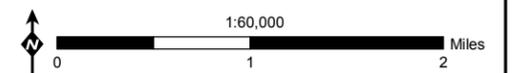
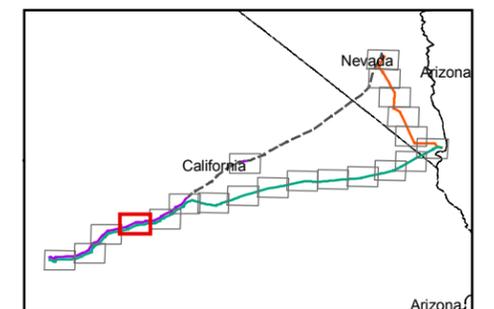
Attachment 4.10-C: General Plan Designations Within 1 Mile of the Proposed Project
Map 4 of 21

Eldorado-Lugo-Mohave Series Capacitor Project

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- State Highway/US Highway
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General Plan Designations

- Agriculture
- Commercial
- Conservation
- Infrastructure
- Manufacturing and Industrial
- Multiple Family Residential
- Open Space
- Planned Development
- Public Facility/Institutional
- Resource Management
- Rural Residential
- Single Family Residential



Source: Insignia, 2016; Clark County GIS; San Bernardino GIS, City of Hesperia; City of Boulder

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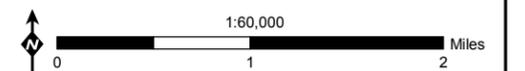
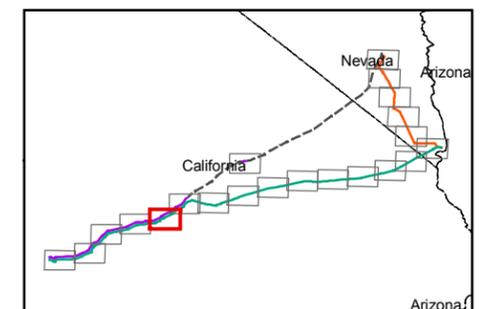
Attachment 4.10-C: General Plan Designations Within 1 Mile of the Proposed Project
Map 5 of 21

Eldorado-Lugo-Mohave Series Capacitor Project

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- Reference Roadway

General Plan Designations

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- Conservation
- Infrastructure
- Manufacturing and Industrial
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- Open Space
- Planned Development
- Public Facility/Institutional
- Resource Management
- Rural Residential
- Single Family Residential



Source: Insignia, 2016; Clark County GIS; San Bernardino GIS, City of Hesperia; City of Boulder

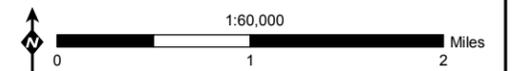
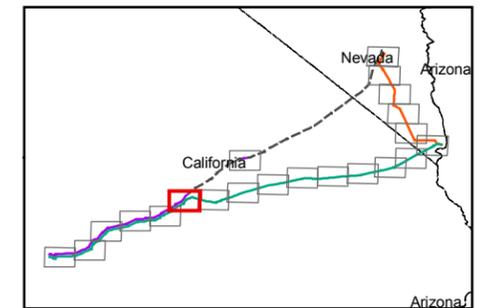
Attachment 4.10-C: General Plan Designations Within 1 Mile of the Proposed Project
Map 6 of 21

Eldorado-Lugo-Mohave Series Capacitor Project

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Source: Insignia, 2016; Clark County GIS; San Bernardino GIS; City of Hesperia; City of Boulder

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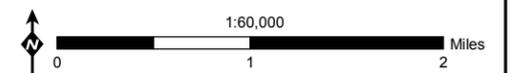
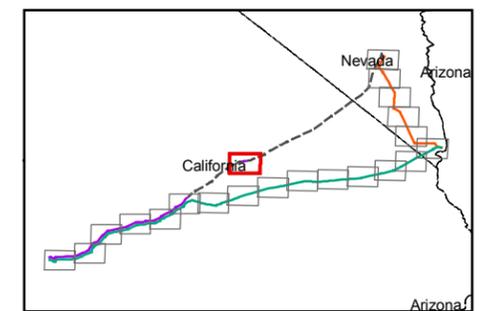
Attachment 4.10-C: General Plan Designations Within 1 Mile of the Proposed Project
Map 7 of 21

Eldorado-Lugo-Mohave Series Capacitor Project

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Source: Insignia, 2016; Clark County GIS; San Bernardino GIS; City of Hesperia; City of Boulder

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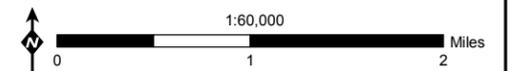
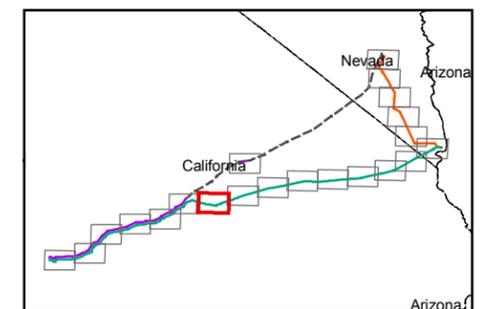
Attachment 4.10-C: General Plan Designations Within 1 Mile of the Proposed Project
Map 8 of 21

Eldorado-Lugo-Mohave Series Capacitor Project

- ▲ Existing Substation
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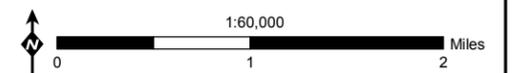
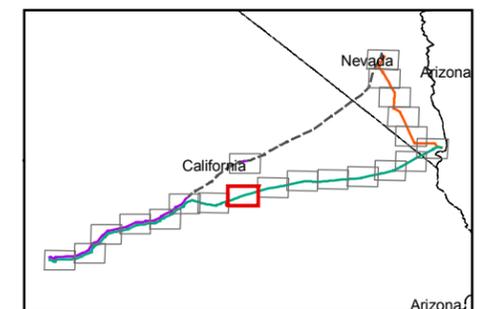
Attachment 4.10-C: General Plan Designations Within 1 Mile of the Proposed Project
Map 9 of 21

Eldorado-Lugo-Mohave Series Capacitor Project

- ▲ Existing Substation
- ◆ Proposed Mid-Line Capacitor Location
- Proposed Fiber Optic Repeater Location
- Eldorado - Lugo 500 kV Transmission Line
- Eldorado - Mohave 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Transmission Line not part of Proposed Project
- Telecommunication Line
- - - 1-Mile Project Buffer
- - - City Boundary
- - - State Boundary
- == Interstate
- State Highway/US Highway
- Reference Roadway

General Plan Designations

- Agriculture
- Commercial
- Conservation
- Infrastructure
- Manufacturing and Industrial
- Multiple Family Residential
- Open Space
- Planned Development
- Public Facility/Institutional
- Resource Management
- Rural Residential
- Single Family Residential



Source: Insignia, 2016; Clark County GIS; San Bernardino GIS, City of Hesperia; City of Boulder

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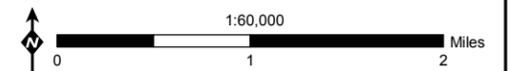
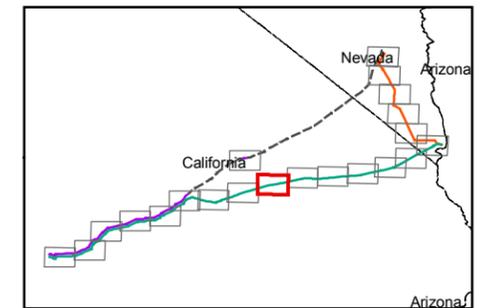
Attachment 4.10-C: General Plan Designations Within 1 Mile of the Proposed Project
Map 10 of 21

Eldorado-Lugo-Mohave Series Capacitor Project

- ▲ Existing Substation
- ◆ Proposed Mid-Line Capacitor Location
- Proposed Fiber Optic Repeater Location
- Eldorado - Lugo 500 kV Transmission Line
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- Reference Roadway

General Plan Designations

- Agriculture
- Commercial
- Conservation
- Infrastructure
- Manufacturing and Industrial
- Multiple Family Residential
- Open Space
- Planned Development
- Public Facility/Institutional
- Resource Management
- Rural Residential
- Single Family Residential



Source: Insignia, 2016; Clark County GIS; San Bernardino GIS, City of Hesperia; City of Boulder

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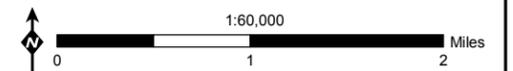
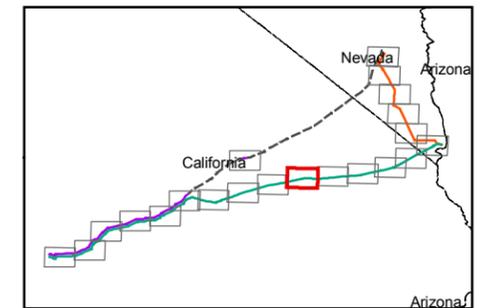
Attachment 4.10-C: General Plan Designations Within 1 Mile of the Proposed Project
Map 11 of 21

Eldorado-Lugo-Mohave Series Capacitor Project

- ▲ Existing Substation
- ◆ Proposed Mid-Line Capacitor Location
- Proposed Fiber Optic Repeater Location
- Eldorado - Lugo 500 kV Transmission Line
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- Telecommunication Line
- ⊠ 1-Mile Project Buffer
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- ⊠ State Boundary
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- Reference Roadway

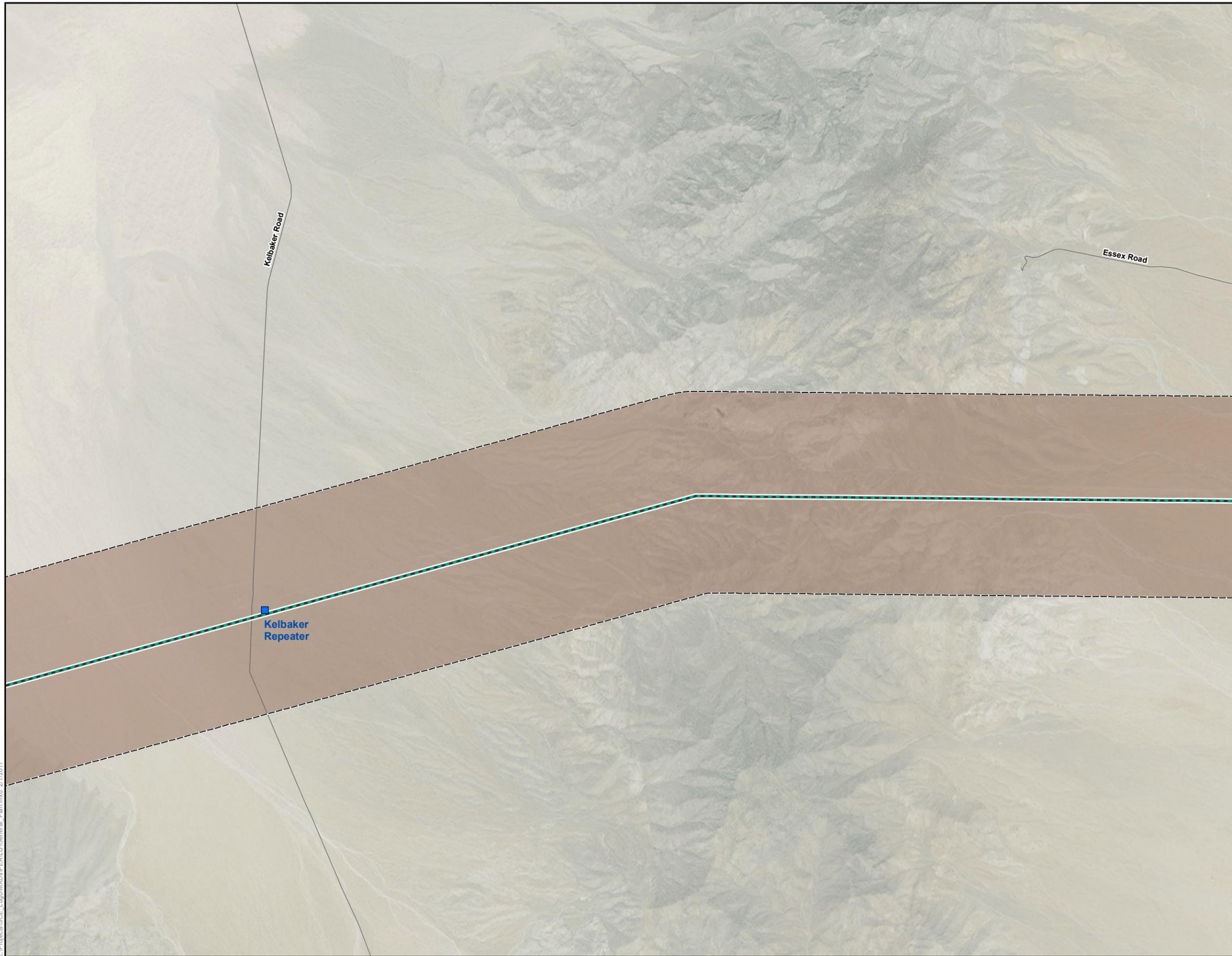
General Plan Designations

- Agriculture
- Commercial
- Conservation
- Infrastructure
- Manufacturing and Industrial
- Multiple Family Residential
- Open Space
- Planned Development
- Public Facility/Institutional
- Resource Management
- Rural Residential
- Single Family Residential



Source: Insignia, 2016; Clark County GIS; San Bernardino GIS, City of Hesperia; City of Boulder

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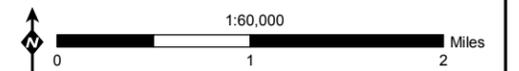
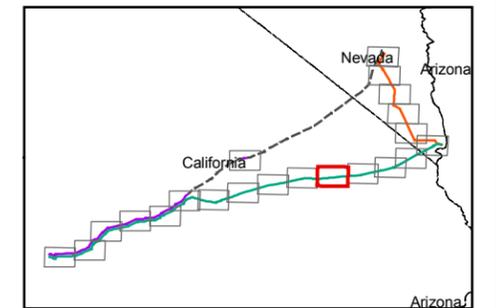
Attachment 4.10-C: General Plan Designations Within 1 Mile of the Proposed Project
Map 12 of 21

Eldorado-Lugo-Mohave Series Capacitor Project

- ▲ Existing Substation
- ◆ Proposed Mid-Line Capacitor Location
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General Plan Designations

- Agriculture
- Commercial
- Conservation
- Infrastructure
- Manufacturing and Industrial
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- Open Space
- Planned Development
- Public Facility/Institutional
- Resource Management
- Rural Residential
- Single Family Residential



Source: Insignia, 2016; Clark County GIS; San Bernardino GIS, City of Hesperia; City of Boulder

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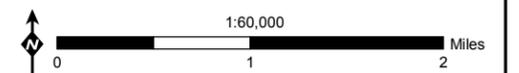
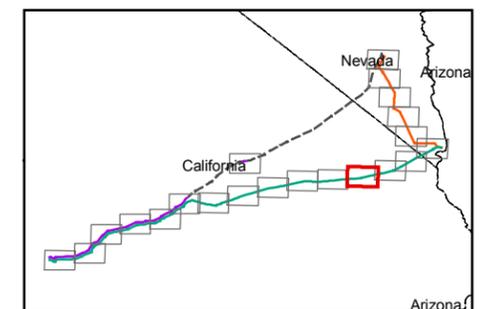
Attachment 4.10-C: General Plan Designations Within 1 Mile of the Proposed Project
Map 13 of 21

Eldorado-Lugo-Mohave Series Capacitor Project

- ▲ Existing Substation
- ◆ Proposed Mid-Line Capacitor Location
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General Plan Designations

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Source: Insignia, 2016; Clark County GIS; San Bernardino GIS, City of Hesperia, City of Boulder

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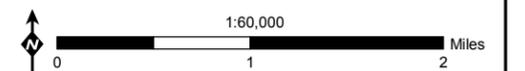
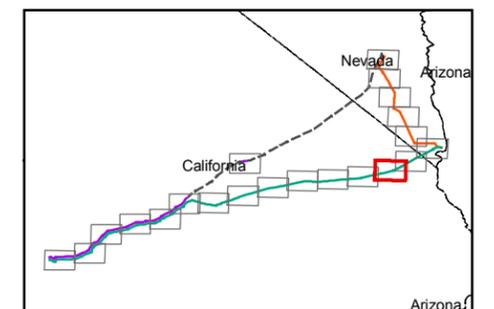
Attachment 4.10-C: General Plan Designations Within 1 Mile of the Proposed Project
Map 14 of 21

Eldorado-Lugo-Mohave Series Capacitor Project

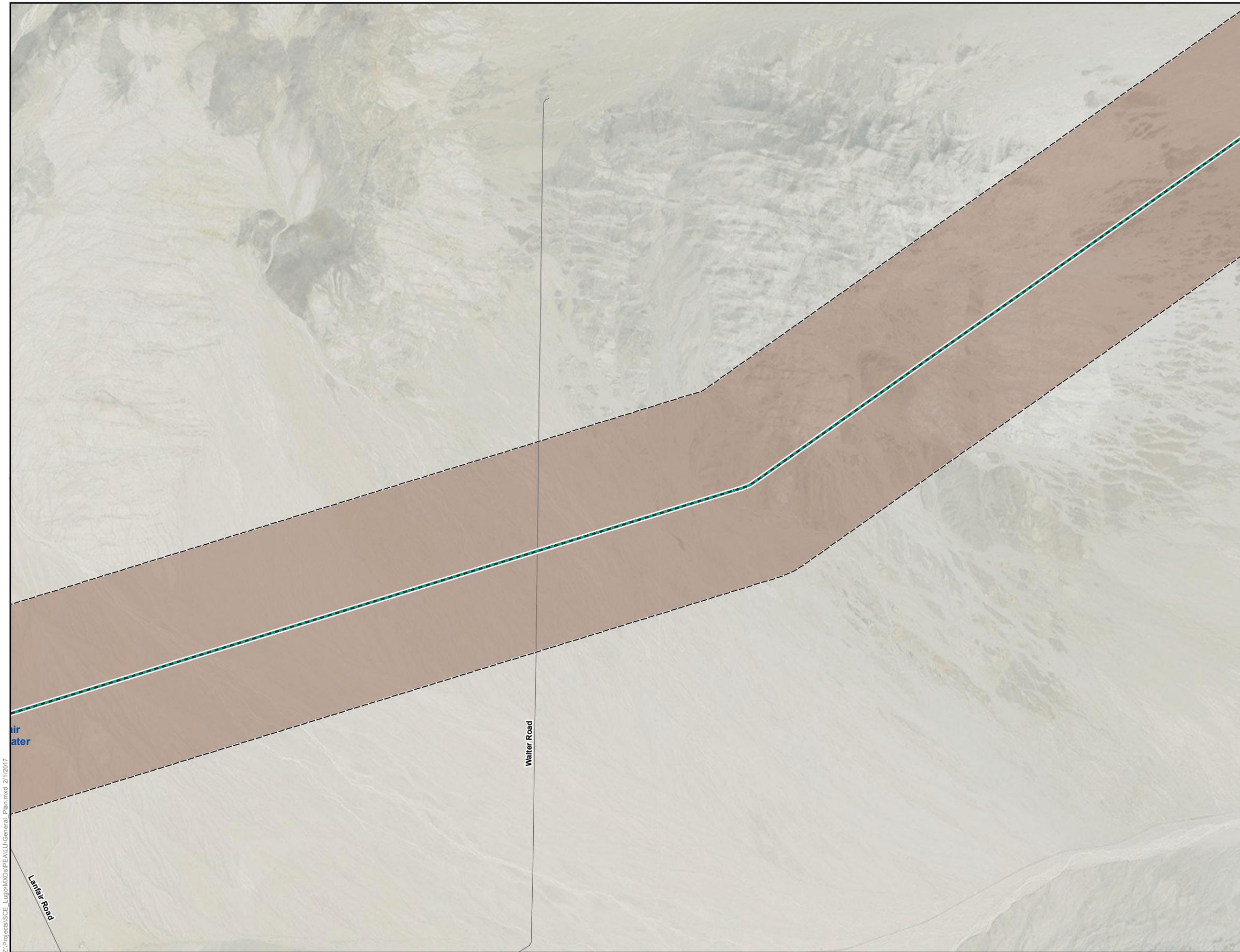
- ▲ Existing Substation
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General Plan Designations

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Source: Insignia, 2016; Clark County GIS; San Bernardino GIS, City of Hesperia; City of Boulder



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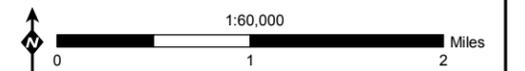
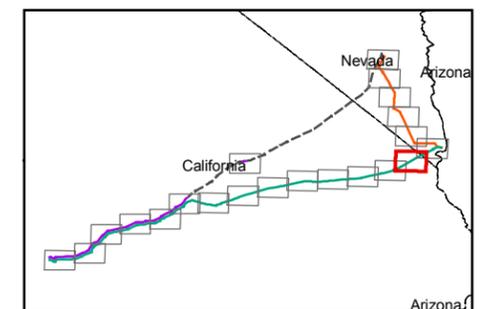
Attachment 4.10-C: General Plan Designations Within 1 Mile of the Proposed Project
Map 15 of 21

Eldorado-Lugo-Mohave Series Capacitor Project

- ▲ Existing Substation
- ◆ Proposed Mid-Line Capacitor Location
- Proposed Fiber Optic Repeater Location
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General Plan Designations

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- Single Family Residential



Source: Insignia, 2016; Clark County GIS; San Bernardino GIS, City of Hesperia; City of Boulder

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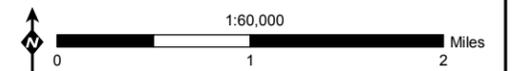
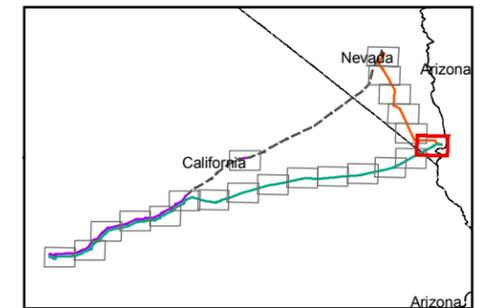
Attachment 4.10-C: General Plan Designations Within 1 Mile of the Proposed Project
Map 16 of 21

Eldorado-Lugo-Mohave Series Capacitor Project

- ▲ Existing Substation
- ◆ Proposed Mid-Line Capacitor Location
- Proposed Fiber Optic Repeater Location
- Eldorado - Lugo 500 kV Transmission Line
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General Plan Designations

- Agriculture
- Commercial
- Conservation
- Infrastructure
- Manufacturing and Industrial
- Multiple Family Residential
- Open Space
- Planned Development
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- Rural Residential
- Single Family Residential



Source: Insignia, 2016; Clark County GIS; San Bernardino GIS; City of Hesperia; City of Boulder

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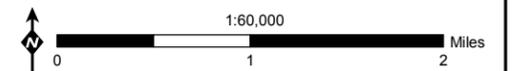
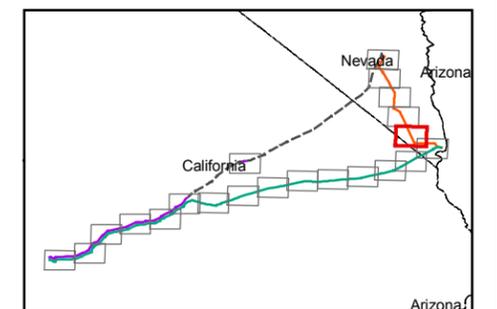
Attachment 4.10-C: General Plan Designations Within 1 Mile of the Proposed Project
Map 17 of 21

Eldorado-Lugo-Mohave Series Capacitor Project

- ▲ Existing Substation
- ◆ Proposed Mid-Line Capacitor Location
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General Plan Designations

- Agriculture
- Commercial
- Conservation
- Infrastructure
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- Open Space
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- Public Facility/Institutional
- Resource Management
- Rural Residential
- Single Family Residential



Source: Insignia, 2016; Clark County GIS; San Bernardino GIS; City of Hesperia; City of Boulder

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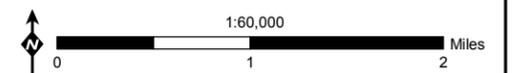
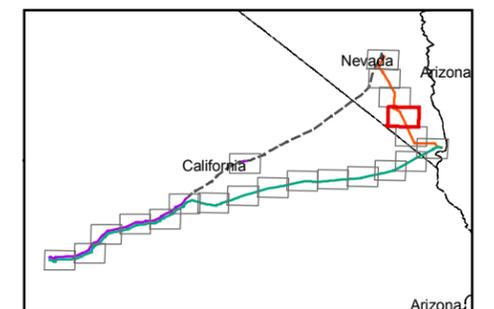
Attachment 4.10-C: General Plan Designations Within 1 Mile of the Proposed Project
Map 18 of 21

Eldorado-Lugo-Mohave Series Capacitor Project

- ▲ Existing Substation
- ◆ Proposed Mid-Line Capacitor Location
- Proposed Fiber Optic Repeater Location
- Eldorado - Lugo 500 kV Transmission Line
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General Plan Designations

- Agriculture
- Commercial
- Conservation
- Infrastructure
- Manufacturing and Industrial
- Multiple Family Residential
- Open Space
- Planned Development
- Public Facility/Institutional
- Resource Management
- Rural Residential
- Single Family Residential



Source: Insignia, 2016; Clark County GIS; San Bernardino GIS, City of Hesperia; City of Boulder

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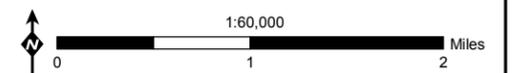
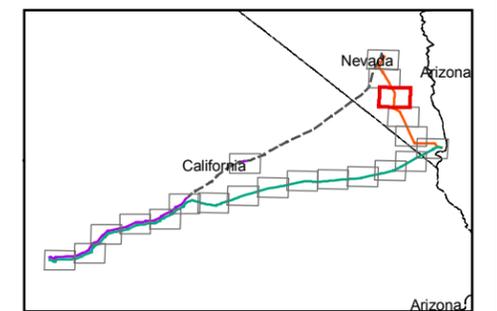
Attachment 4.10-C: General Plan Designations Within 1 Mile of the Proposed Project
Map 19 of 21

Eldorado-Lugo-Mohave Series Capacitor Project

- ▲ Existing Substation
- ◆ Proposed Mid-Line Capacitor Location
- Proposed Fiber Optic Repeater Location
- Eldorado - Lugo 500 kV Transmission Line
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- State Highway/US Highway
- Reference Roadway

General Plan Designations

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- Manufacturing and Industrial
- Multiple Family Residential
- Open Space
- Planned Development
- Public Facility/Institutional
- Resource Management
- Rural Residential
- Single Family Residential



Source: Insignia, 2016; Clark County GIS; San Bernardino GIS, City of Hesperia; City of Boulder

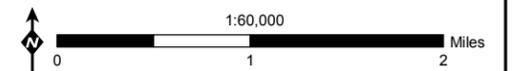
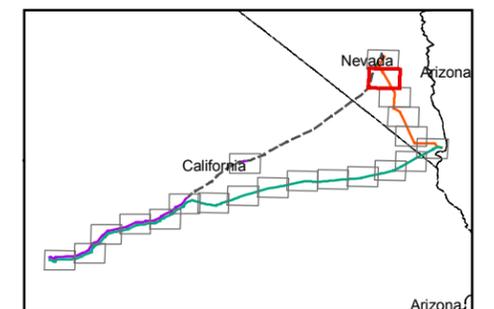
Attachment 4.10-C: General Plan Designations Within 1 Mile of the Proposed Project
Map 20 of 21

Eldorado-Lugo-Mohave Series Capacitor Project

- ▲ Existing Substation
- ◆ Proposed Mid-Line Capacitor Location
- Proposed Fiber Optic Repeater Location
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General Plan Designations

- Agriculture
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- Infrastructure
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- Open Space
- Planned Development
- Public Facility/Institutional
- Resource Management
- Rural Residential
- Single Family Residential



Source: Insignia, 2016; Clark County GIS; San Bernardino GIS; City of Hesperia; City of Boulder

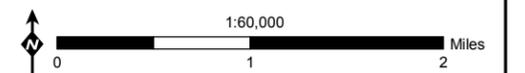
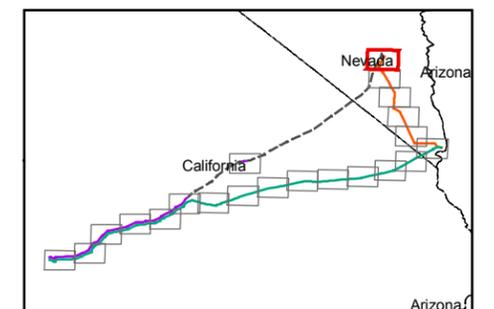
Attachment 4.10-C: General Plan Designations Within 1 Mile of the Proposed Project
Map 21 of 21

Eldorado-Lugo-Mohave Series Capacitor Project

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- ⊞ State Boundary
- Interstate
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- Reference Roadway

General Plan Designations

- Agriculture
- Commercial
- Conservation
- Infrastructure
- Manufacturing and Industrial
- Multiple Family Residential
- Open Space
- Planned Development
- Public Facility/Institutional
- Resource Management
- Rural Residential
- Single Family Residential



Source: Insignia, 2016; Clark County GIS; San Bernardino GIS, City of Hesperia; City of Boulder

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**ATTACHMENT 4.10-D: ZONING DESIGNATIONS WITHIN 1 MILE OF THE
PROPOSED PROJECT**

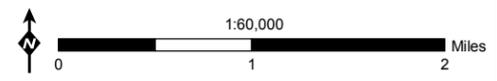
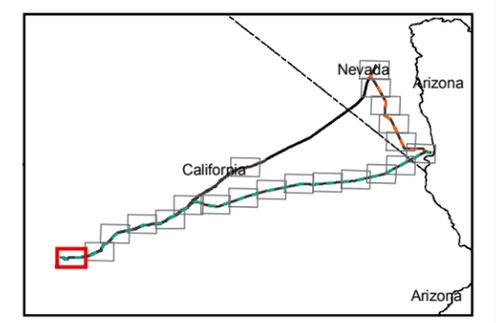
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Attachment 4.10-D: Zoning Designations Within 1 Mile of the Proposed Project Map 1 of 21

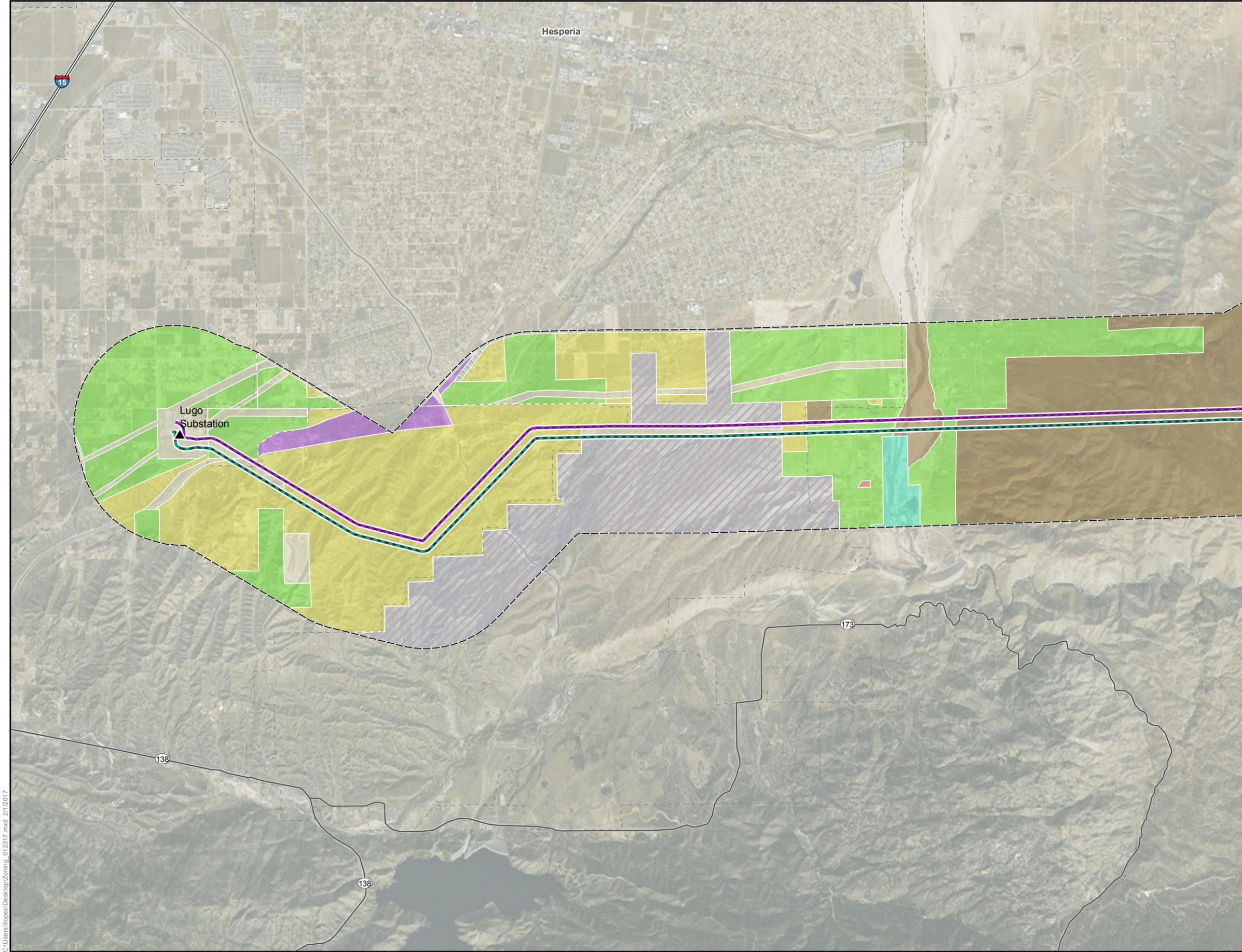
Eldorado-Lugo-Mohave Series Capacitor Project

- ▲ Existing Substation
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- Interstate
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- Zoning Designations**
- Agriculture
 - Commercial
 - Manufacturing and Industrial
 - Multiple Family Residential
 - Open Space
 - Public Facility/Institutional
 - Resource Management
 - Rural Residential
 - Single Family Residential
 - Special District
 - Airport
 - Specific Plan



Source: Insignia, 2016; Clark County GIS; San Bernardino GIS, City of Hesperia; City of Boulder



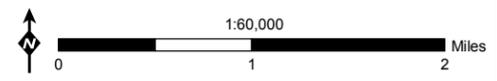
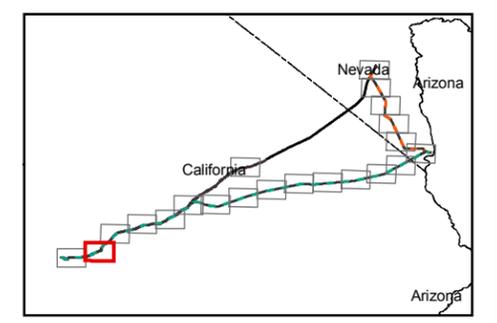
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Attachment 4.10-D: Zoning Designations Within 1 Mile of the Proposed Project Map 2 of 21

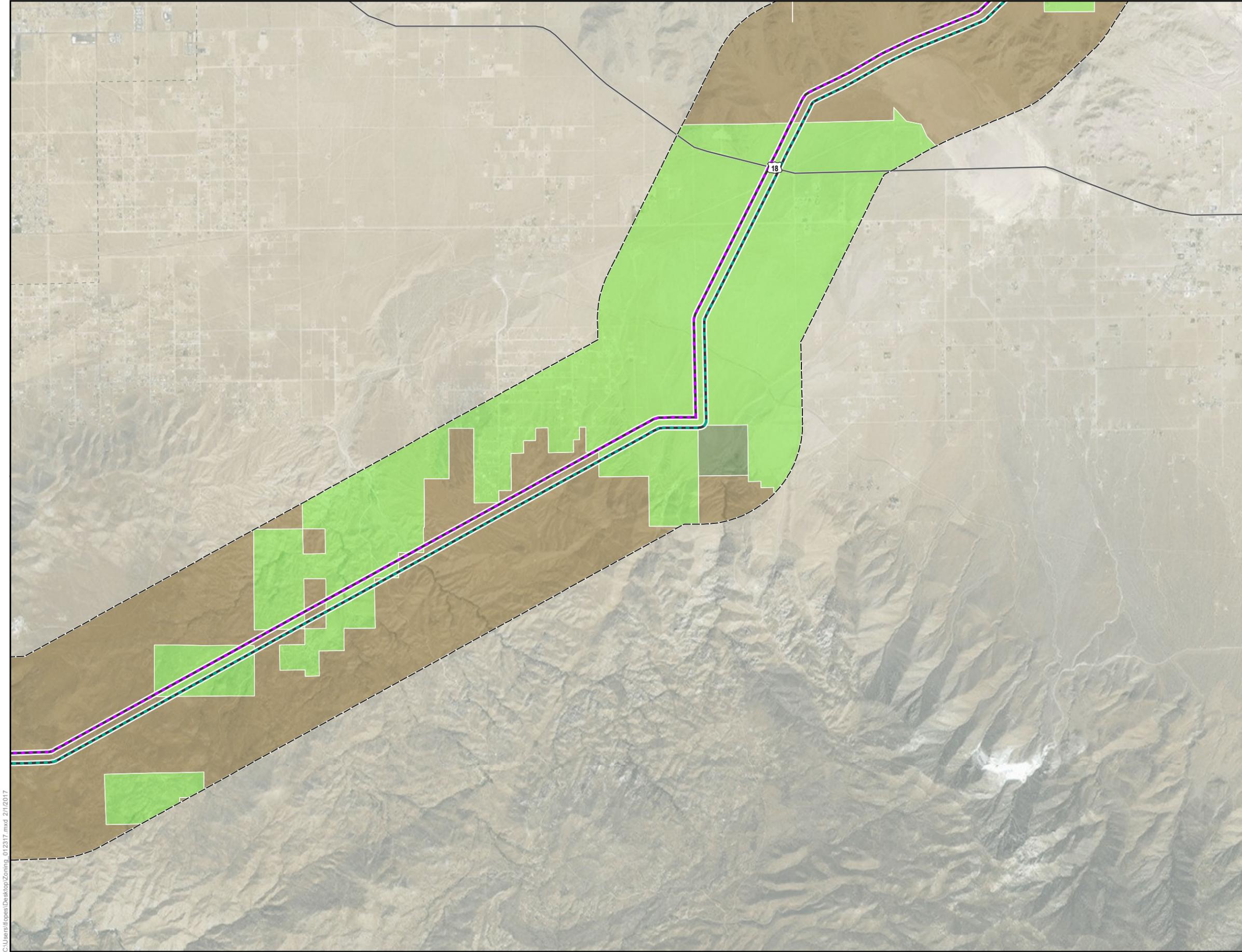
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- Zoning Designations**
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 - Airport
 - Specific Plan



Source: Insignia, 2016; Clark County GIS; San Bernardino GIS, City of Hesperia, City of Boulder



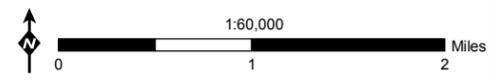
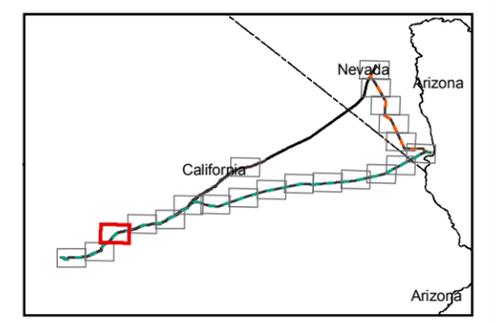
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Attachment 4.10-D: Zoning Designations Within 1 Mile of the Proposed Project Map 3 of 21

Eldorado-Lugo-Mohave Series Capacitor Project

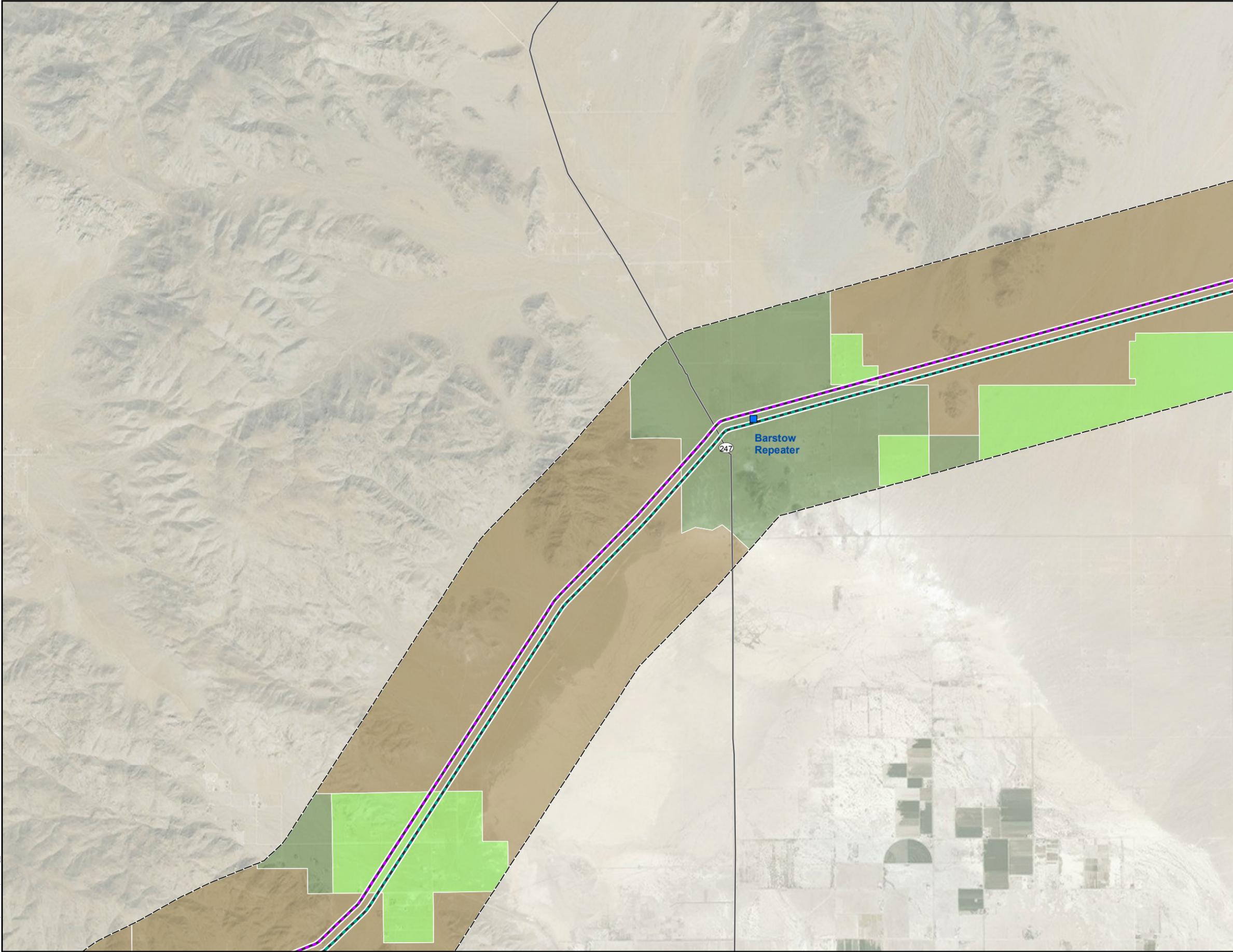
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Source: Insignia, 2016; Clark County GIS; San Bernardino GIS, City of Hesperia; City of Boulder

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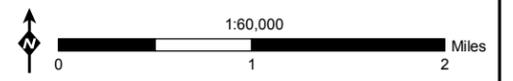
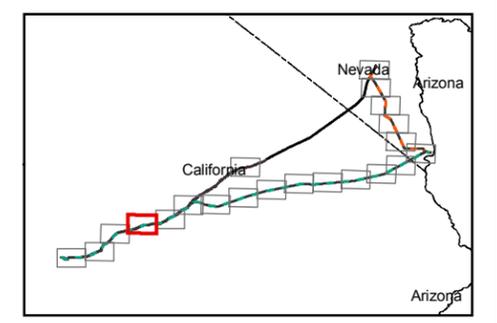


Attachment 4.10-D: Zoning Designations Within 1 Mile of the Proposed Project Map 4 of 21

Eldorado-Lugo-Mohave Series Capacitor Project

- ▲ Existing Substation
- ◆ Proposed Mid-Line Capacitor Location
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 - Specific Plan



Source: Insignia, 2016; Clark County GIS; San Bernardino GIS, City of Hesperia; City of Boulder

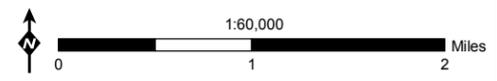
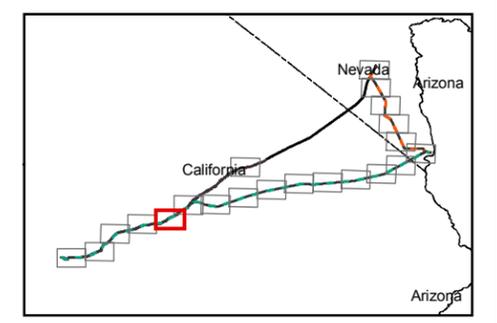
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Attachment 4.10-D: Zoning Designations Within 1 Mile of the Proposed Project Map 5 of 21

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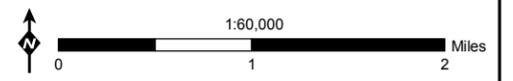
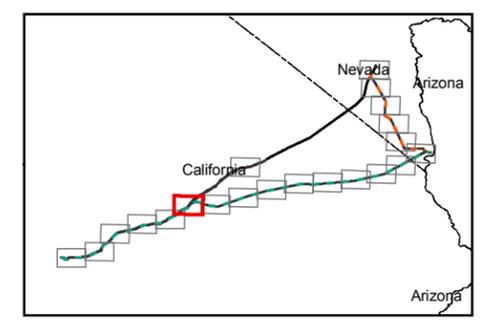
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Attachment 4.10-D: Zoning Designations Within 1 Mile of the Proposed Project Map 6 of 21

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Source: Insignia, 2016; Clark County GIS; San Bernardino GIS, City of Hesperia; City of Boulder

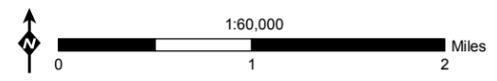
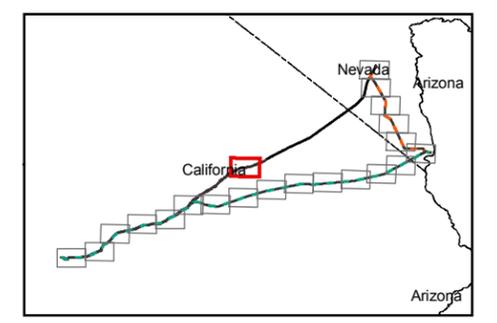
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Attachment 4.10-D: Zoning Designations Within 1 Mile of the Proposed Project Map 7 of 21

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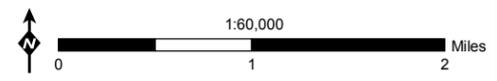
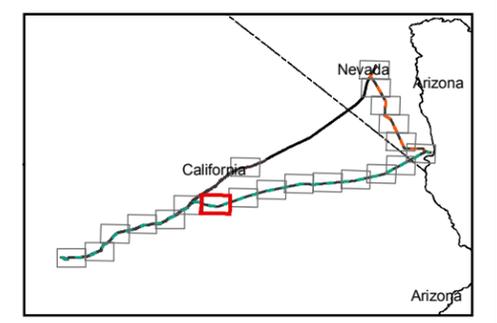
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Attachment 4.10-D: Zoning Designations Within 1 Mile of the Proposed Project Map 8 of 21

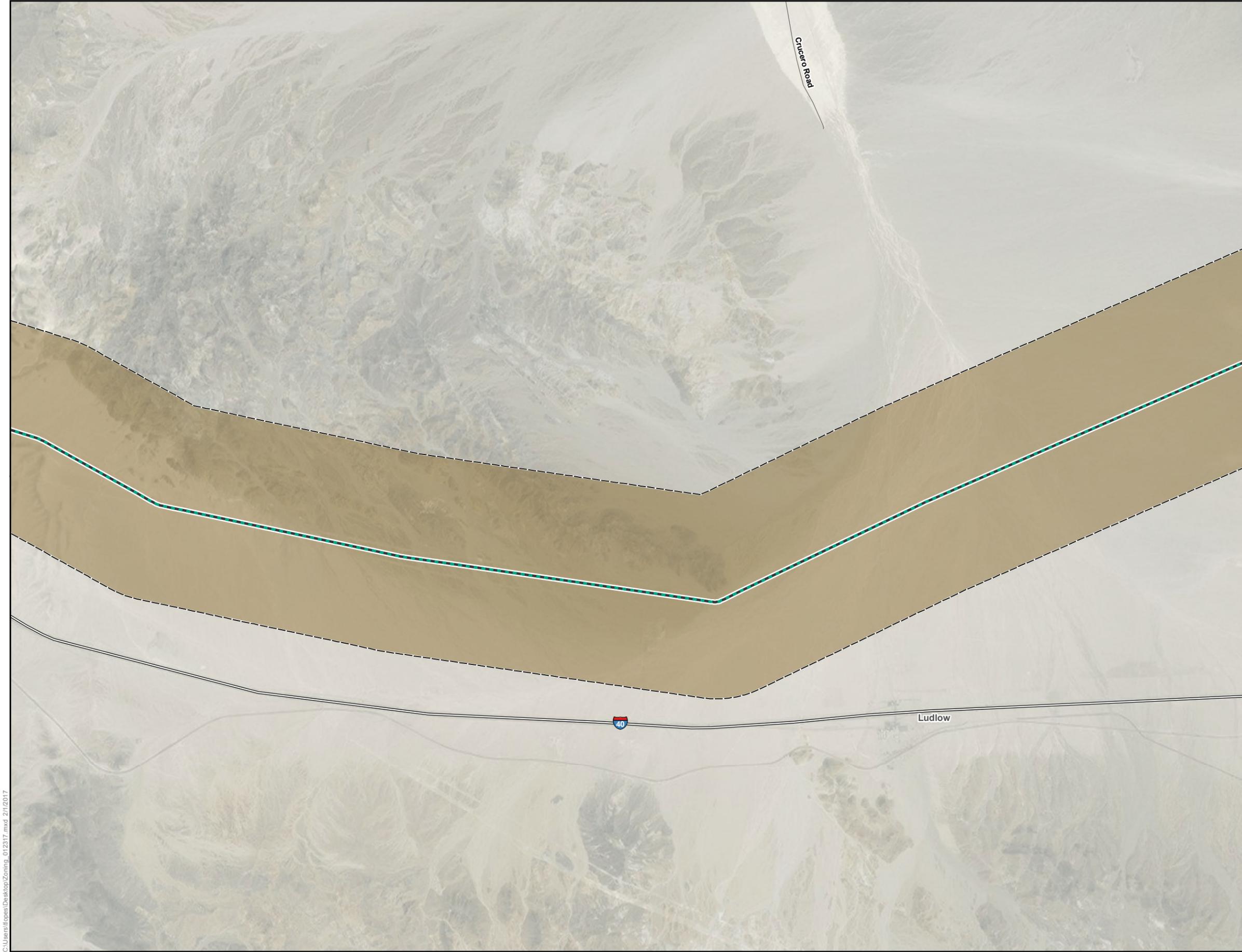
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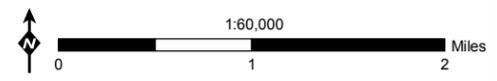
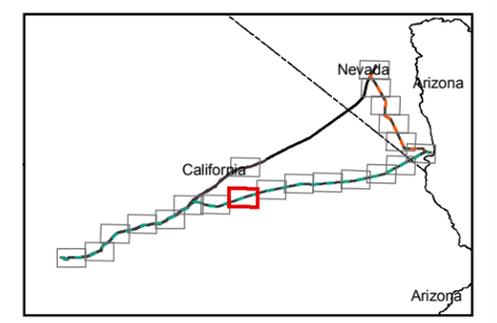
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Attachment 4.10-D: Zoning Designations Within 1 Mile of the Proposed Project Map 9 of 21

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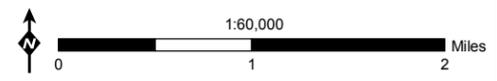
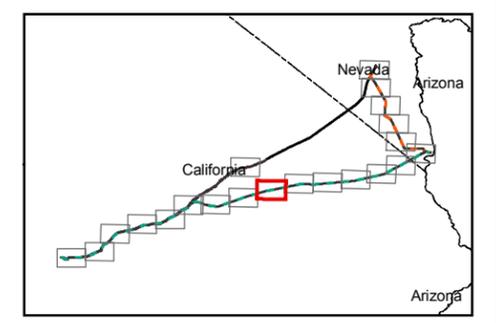
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Attachment 4.10-D: Zoning Designations Within 1 Mile of the Proposed Project Map 10 of 21

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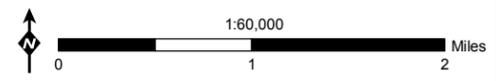
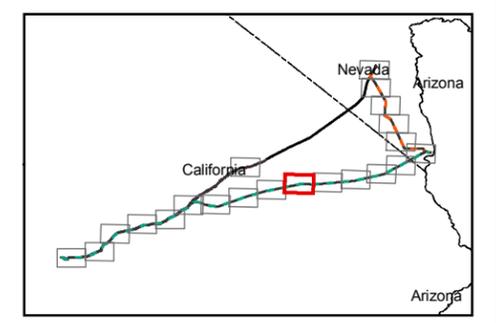
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Attachment 4.10-D: Zoning Designations Within 1 Mile of the Proposed Project Map 11 of 21

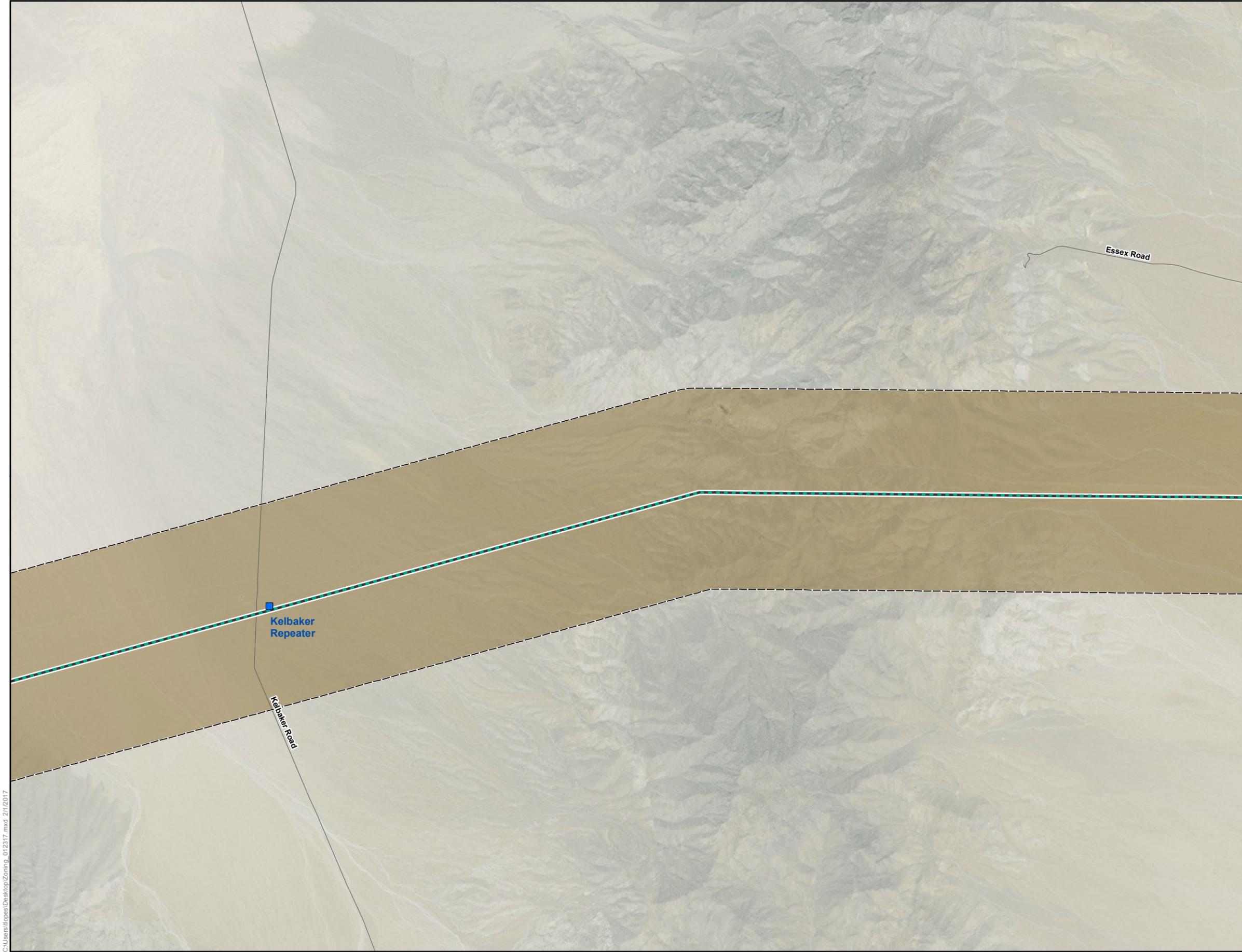
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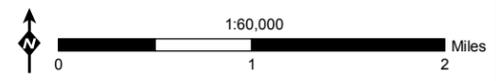
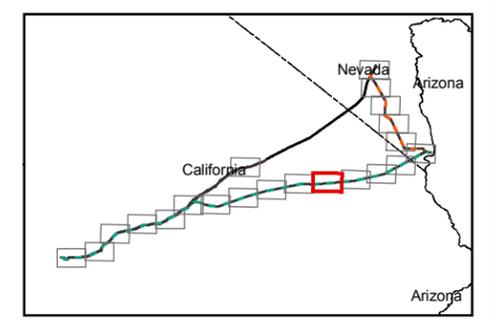
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Attachment 4.10-D: Zoning Designations Within 1 Mile of the Proposed Project Map 12 of 21

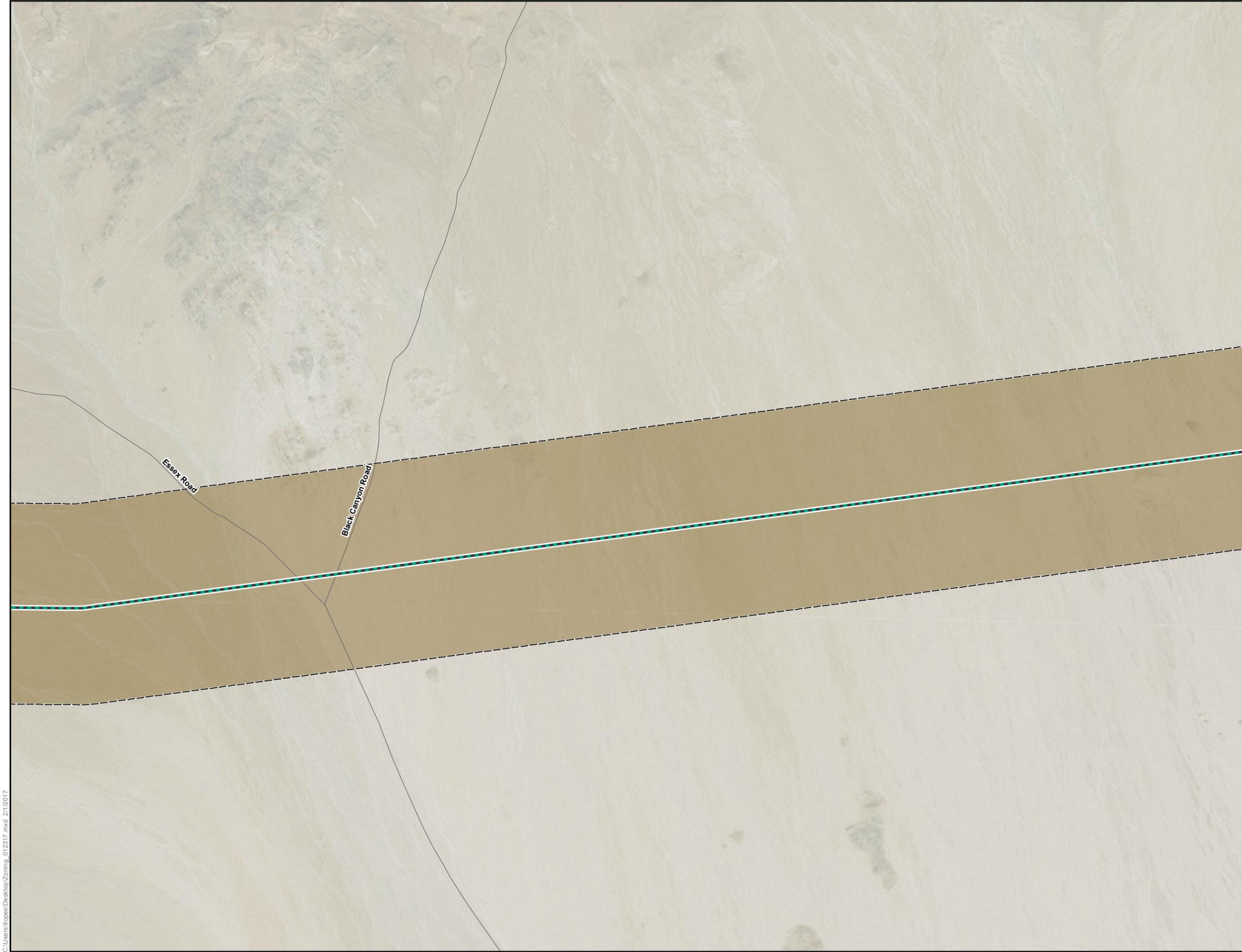
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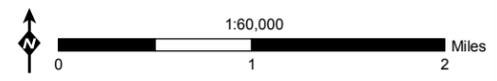
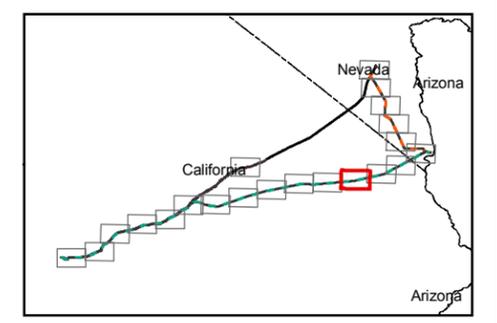
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Attachment 4.10-D: Zoning Designations Within 1 Mile of the Proposed Project Map 13 of 21

Eldorado-Lugo-Mohave Series Capacitor Project

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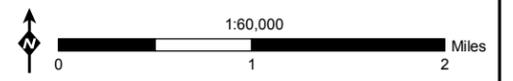
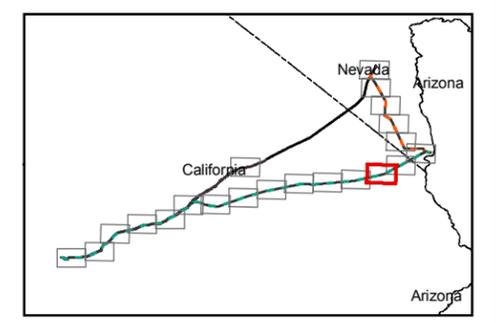
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Attachment 4.10-D: Zoning Designations Within 1 Mile of the Proposed Project Map 14 of 21

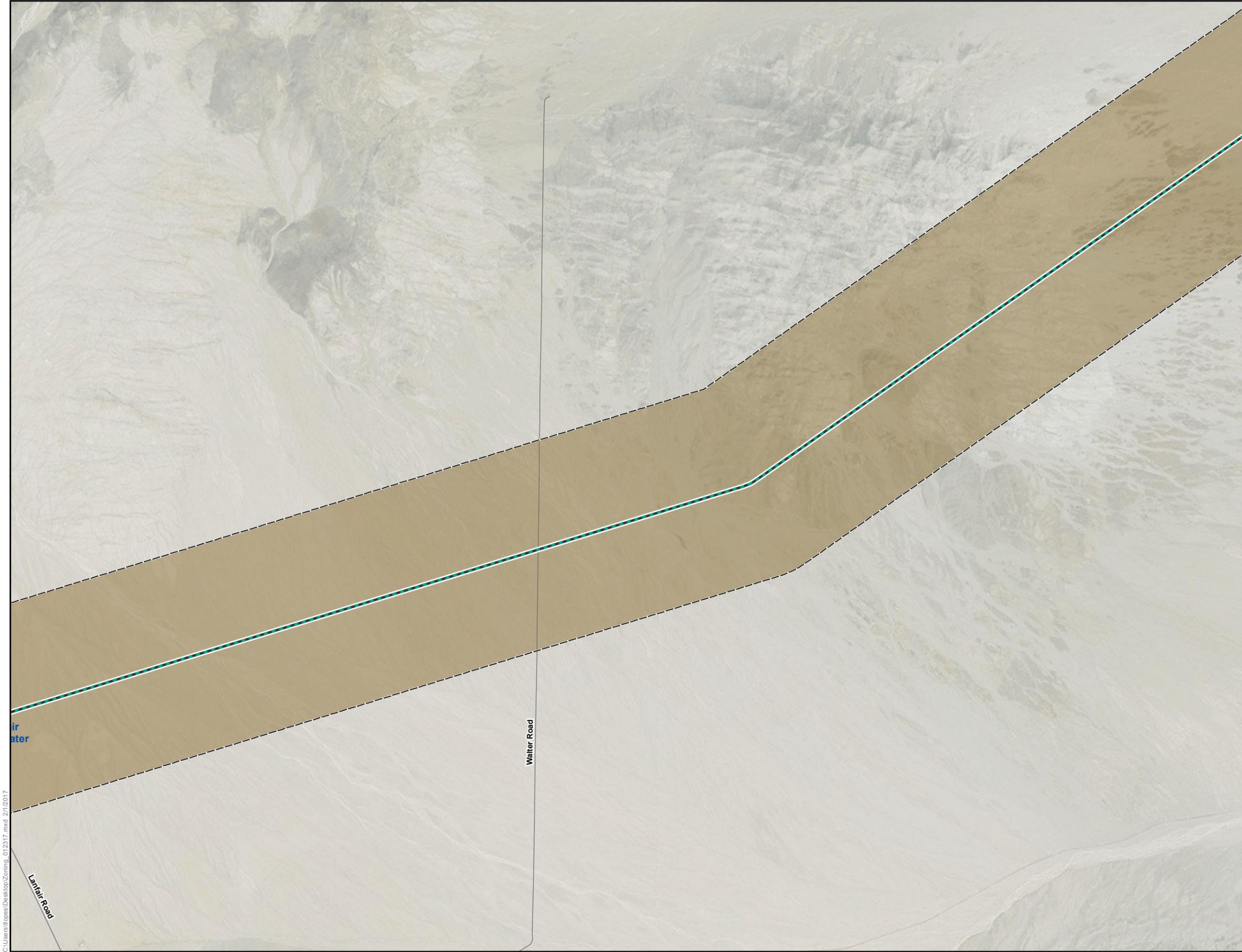
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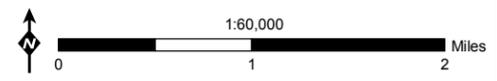
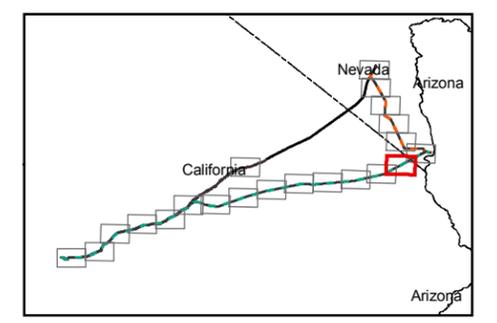
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Attachment 4.10-D: Zoning Designations Within 1 Mile of the Proposed Project Map 15 of 21

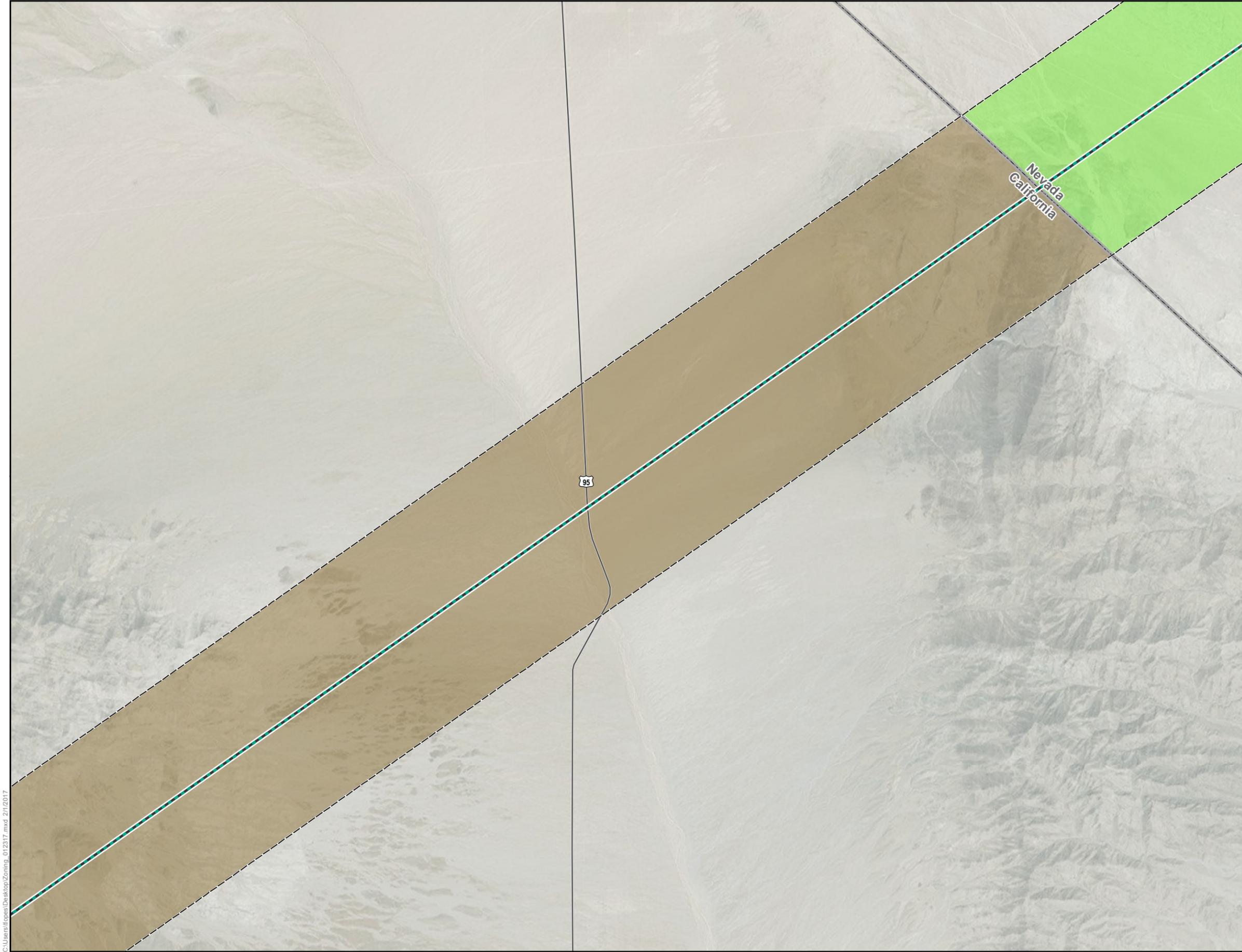
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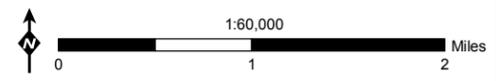
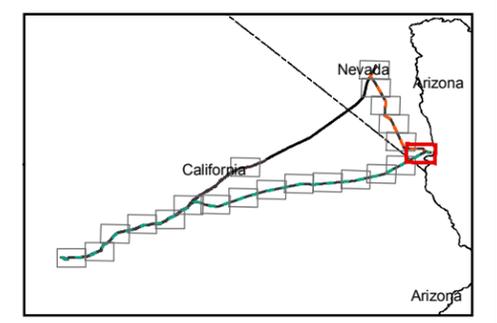
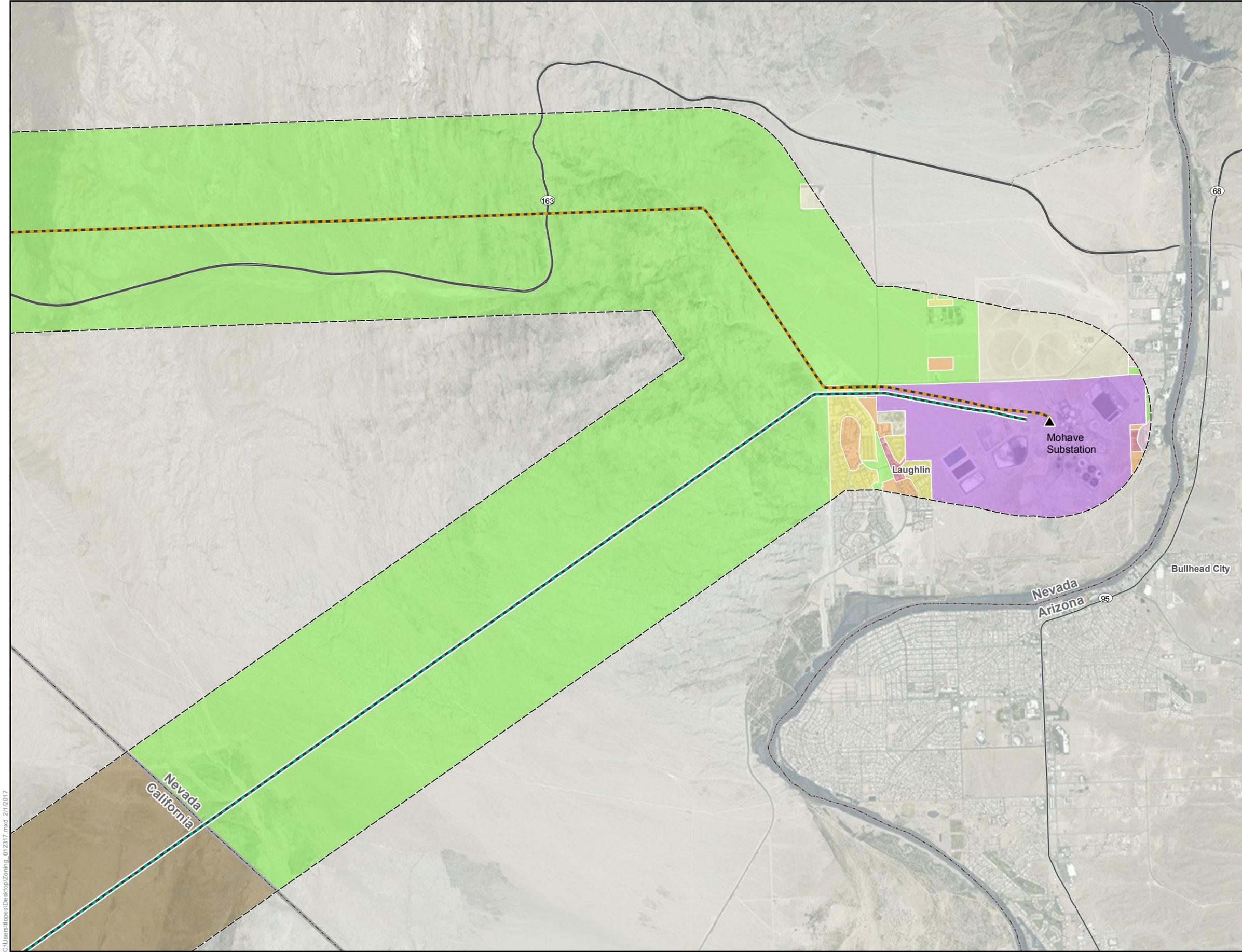
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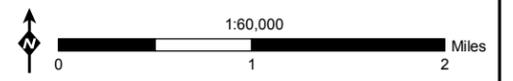
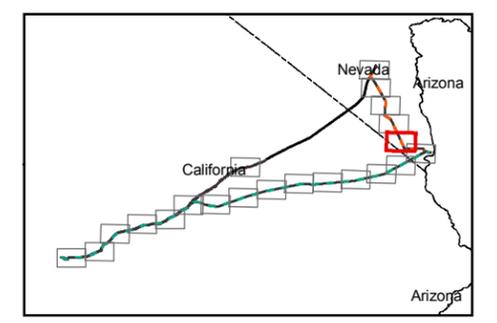
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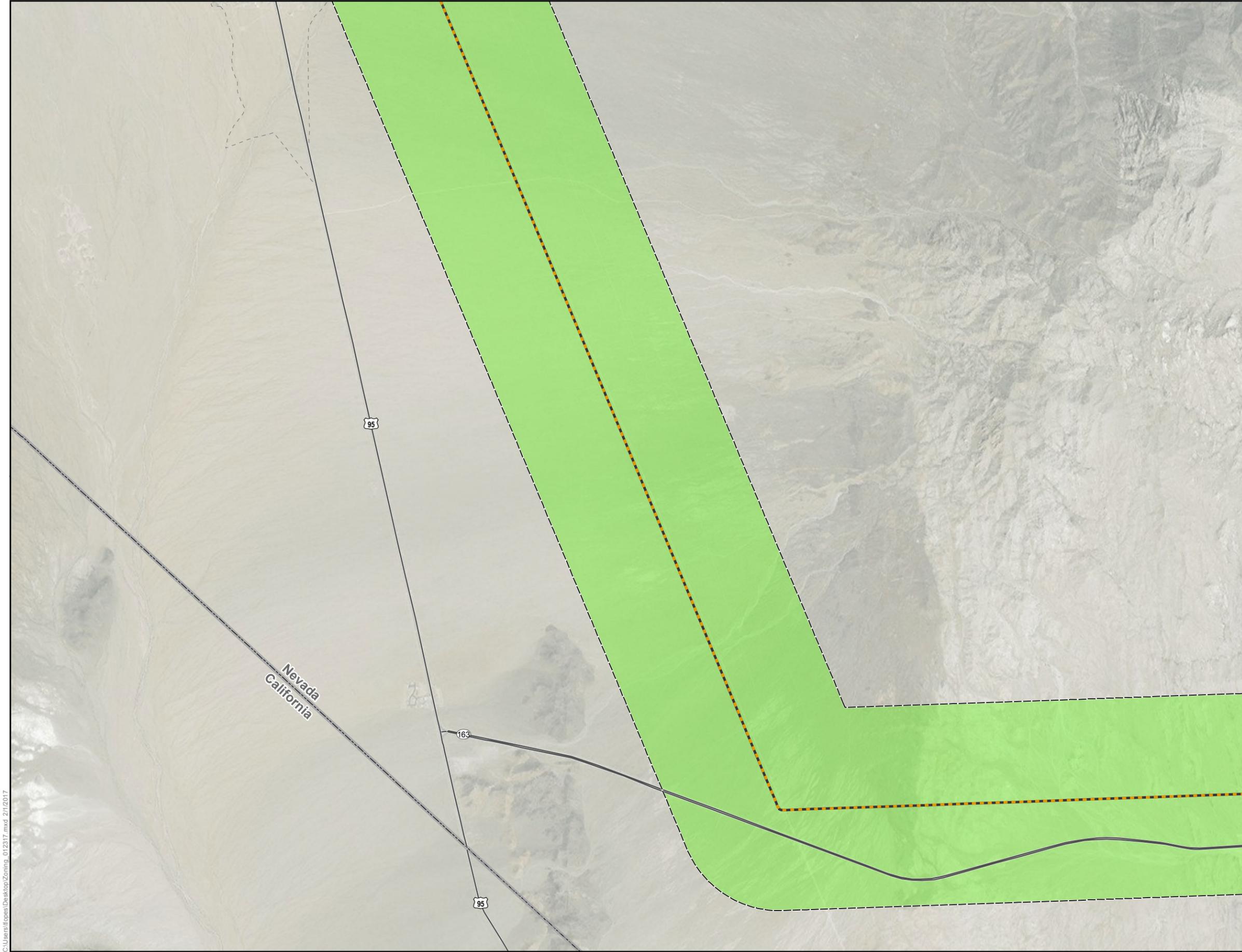
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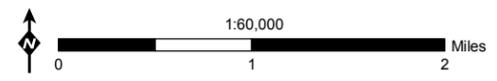
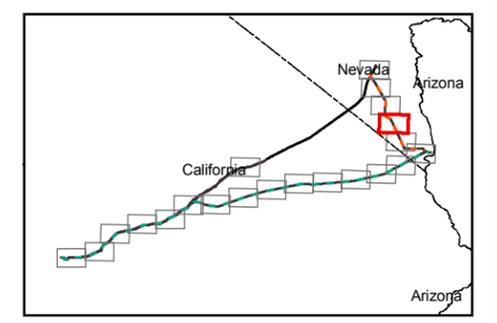
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Attachment 4.10-D: Zoning Designations Within 1 Mile of the Proposed Project Map 18 of 21

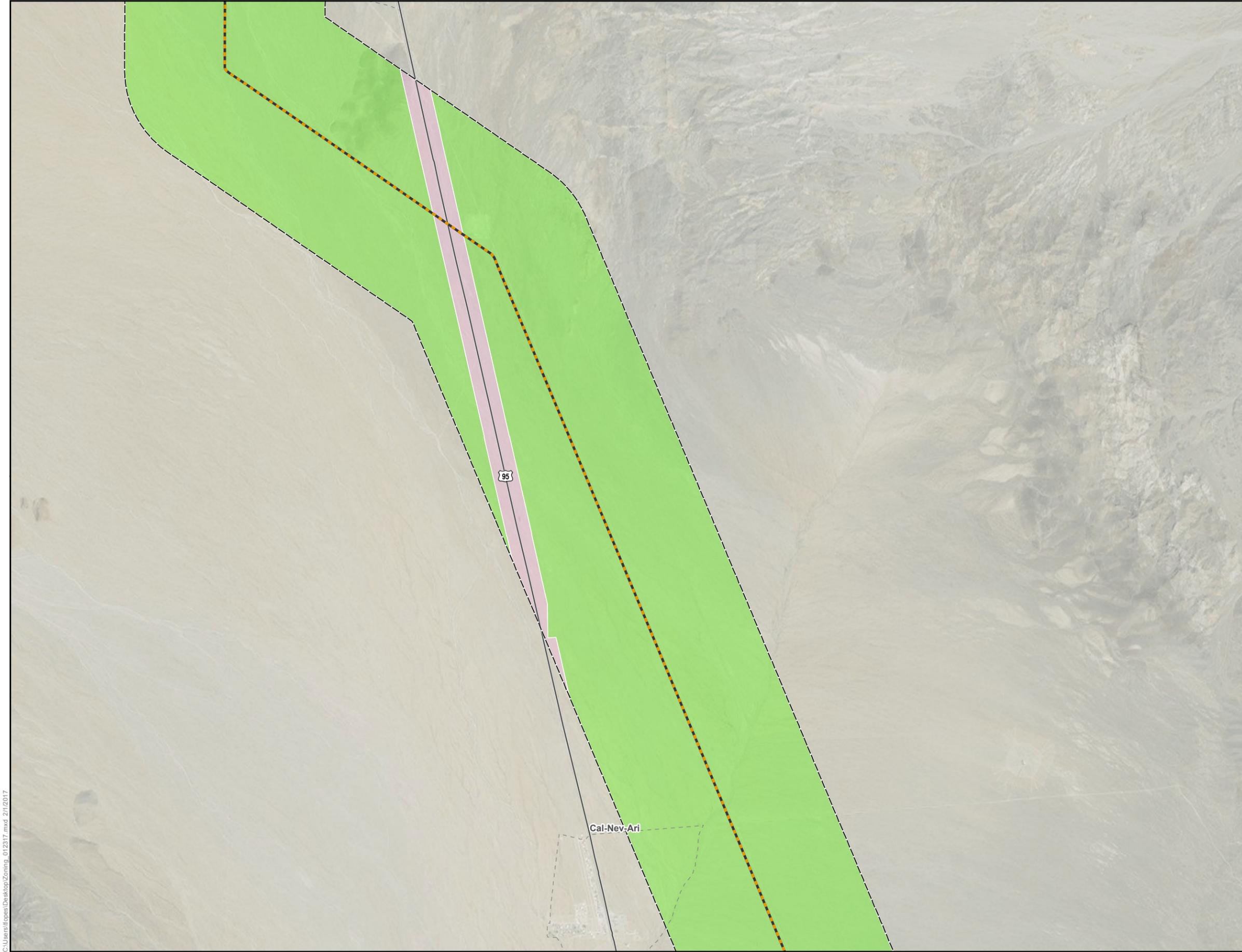
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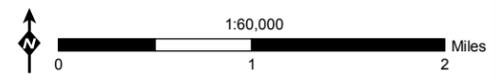
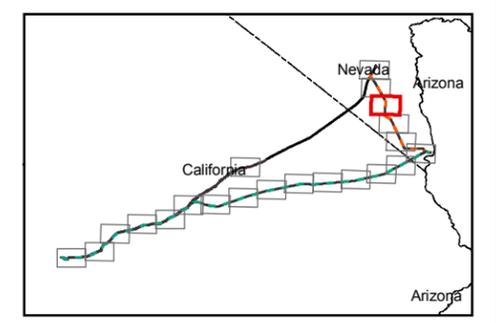
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Attachment 4.10-D: Zoning Designations Within 1 Mile of the Proposed Project Map 19 of 21

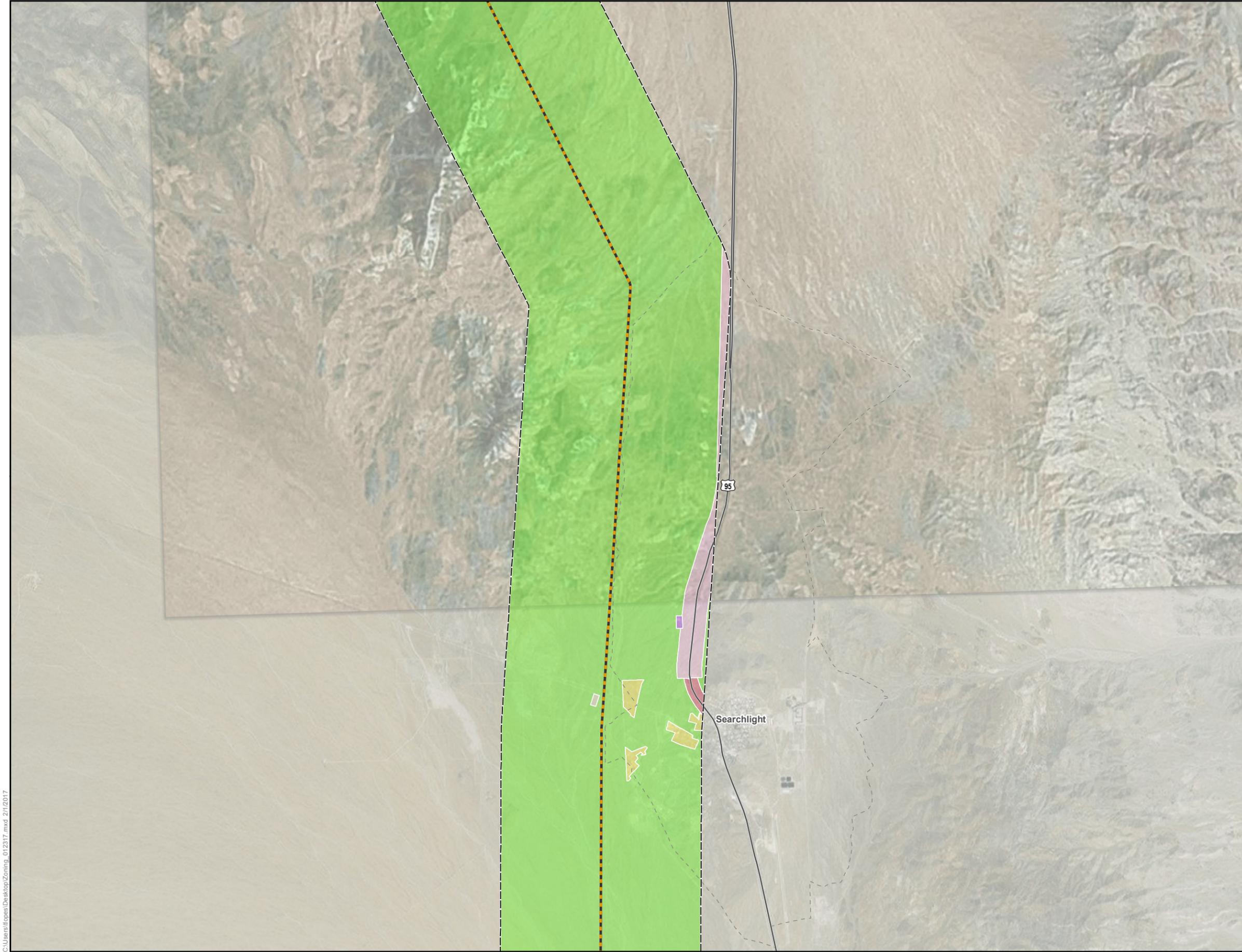
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Source: Insignia, 2016; Clark County GIS; San Bernardino GIS, City of Hesperia; City of Boulder



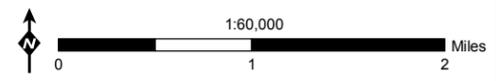
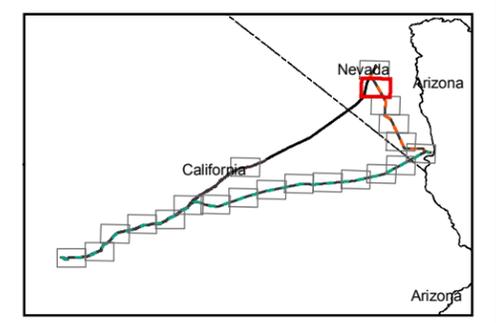
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Attachment 4.10-D: Zoning Designations Within 1 Mile of the Proposed Project Map 20 of 21

Eldorado-Lugo-Mohave Series Capacitor Project

- ▲ Existing Substation
- ◆ Proposed Mid-Line Capacitor Location
- Proposed Fiber Optic Repeater Location
- Eldorado - Lugo 500 kV Transmission Line
- Eldorado - Mohave 500 kV Transmission Line
- Lugo - Mohave 500 kV Transmission Line
- Transmission Line not part of Proposed Project
- Telecommunication Line
- 1-Mile Project Buffer
- City Boundary
- State Boundary
- == Interstate
- State Highway/US Highway
- Reference Roadway

- Zoning Designations**
- Agriculture
 - Commercial
 - Manufacturing and Industrial
 - Multiple Family Residential
 - Open Space
 - Public Facility/Institutional
 - Resource Management
 - Rural Residential
 - Single Family Residential
 - Special District
 - Airport
 - Specific Plan



Source: Insignia, 2016; Clark County GIS; San Bernardino GIS, City of Hesperia; City of Boulder

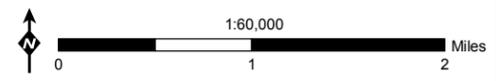
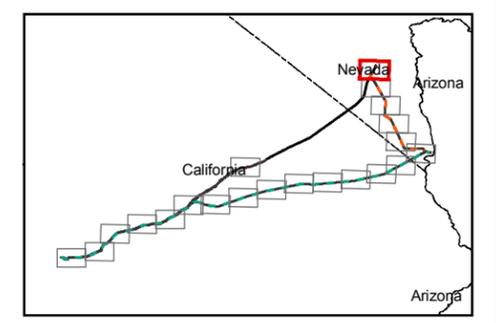
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Attachment 4.10-D: Zoning Designations Within 1 Mile of the Proposed Project Map 21 of 21

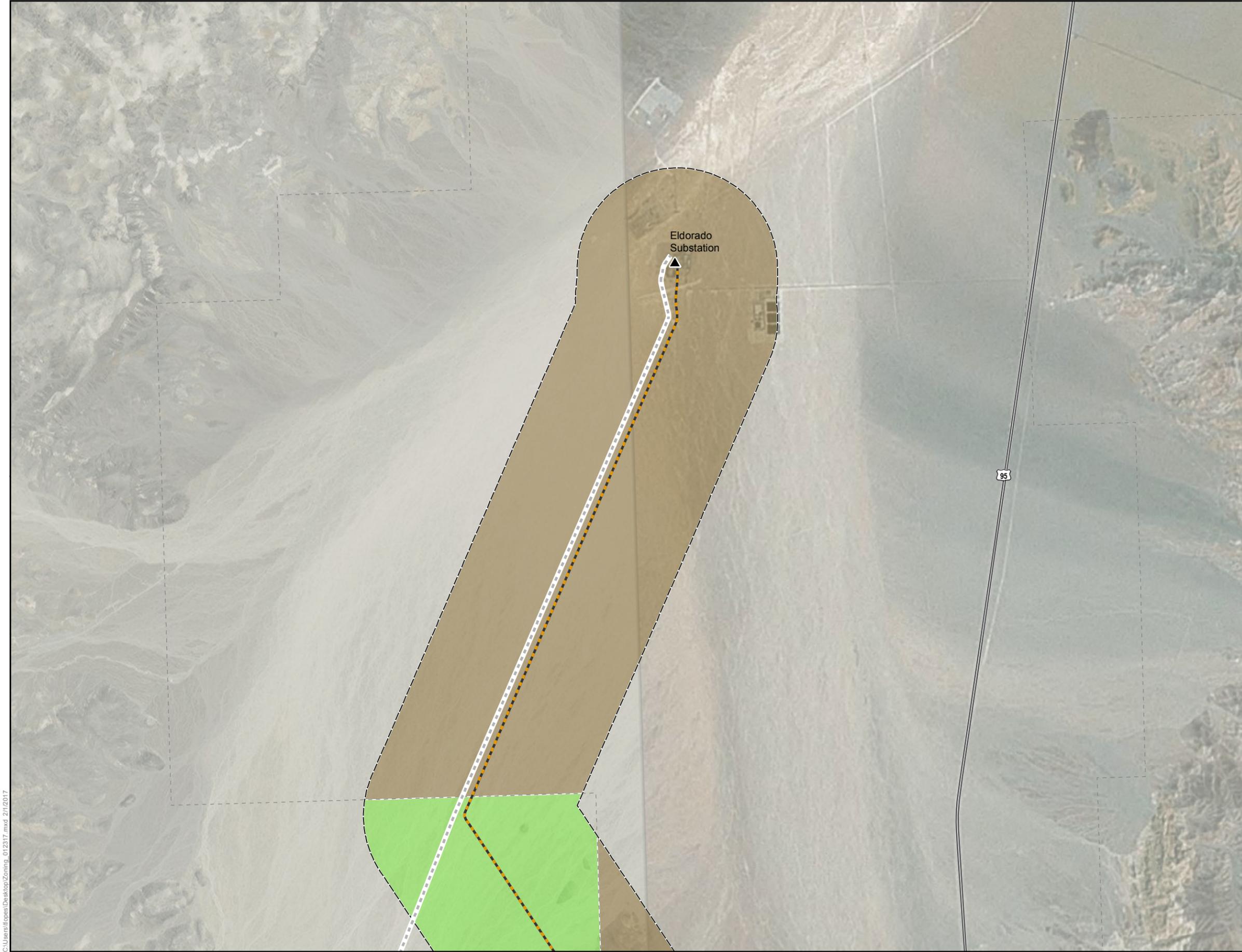
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Source: Insignia, 2016; Clark County GIS; San Bernardino GIS, City of Hesperia; City of Boulder



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